

# APPENDIX D

Clone ID	ExperimentID	HumanRNAAccession	HumanProtAcces	LocustLink	Gene Symbol	
121_at	4D	NM_003466	NP_003457	7849	PAX8	paired box gene 8
1320_at	4D	NM_007039	NP_008970	11099	PTPN21	protein tyrosine phosphatase, nonreceptor type 21
1552258_at	4D	NM_052871	NP_443103	112597	MGC4677	hypothetical protein MGC4677
1552261_at	4D	NM_080735	NP_542773	10406	WFDCC2	WAP fourdisulfide core domain 2
1552263_at	4D	NM_138957	NP_620407	5594	MAPK1	mitogenactivated protein kinase 1
1552264_a_at	4D	NM_138957	NP_620407	5594	MAPK1	mitogenactivated protein kinase 1
1552274_at	4D	NM_017771	NP_060241	54899	PXK	PX domain containing serine/threonine kinase
1552277_a_at	4D	NM_080655	NP_542386	91283	MGC17337	similar to RIKEN cDNA 5730528L13 gene
1552286_at	4D	NM_080653	NP_542384	90423	ATP6V1E2	ATPase, H+ transporting, lysosomal 31kDa, V1 subun
1552287_s_at	4D	NM_001132	NP_001123	172	AFG3L1	AFG3 ATPase family gene 3like 1 (yeast)
1552291_at	4D	NM_017861	NP_060331	54965	PIGX	phosphatidylinositol glycan, class X
1552310_at	4D	NM_144597	NP_653198	123207	MGC29937	hypothetical protein MGC29937
1552312_a_at	4D	NM_005927	NP_005918	4238	MFAP3	microfibrillarassociated protein 3
1552316_a_at	4D	NM_130759	NP_570115	170575	GIMAP1	GTPase, IMAP family member 1
1552338_at	4D	NM_173849	NP_776248	145258	GSC	goosecoid
1552343_s_at	4D	NM_002604	NP_002595	5150	PDE7A	phosphodiesterase 7A
1552419_s_at	4D	NM_153254	NP_694986	254173	FLJ36119	hypothetical protein FLJ36119
1552425_a_at	4D	NM_152467	NP_689680	317719	KLHL10	kelchlike 10 (Drosophila)
1552452_at	4D	NM_173479	NP_775750	126248	LOC126248	hypothetical protein LOC126248
1552472_a_at	4D	NM_012287	NP_036419	23527	CENTB2	centaurin, beta 2
1552490_at	4D	NM_145315	NP_660358	246269	LACE1	lactation elevated 1
1552499_a_at	4D	NM_145238	NP_660281	7579	ZNF31	zinc finger protein 31 (KOX 29)
1552503_at	4D	NM_032863	NP_116252	80144	FRAS1	Fraser syndrome 1
1552510_at	4D	NM_080877	NP_543153	142680	SLC34A3	solute carrier family 34 (sodium phosphate), membe
1552554_a_at	4D	NM_021209	NP_067032	58484	CARD12	caspase recruitment domain family, member 12
1552575_a_at	4D	NM_153344	NP_699175	135398	C6orf141	chromosome 6 open reading frame 141
1552617_a_at	4D	NM_022457	NP_071902	64326	RFWWD2	ring finger and WD repeat domain 2
1552625_a_at	4D	NM_016000	NP_057084	51095	TRNT1	tRNA nucleotidyl transferase, CCAdding, 1
1552628_a_at	4D	NM_022373	NP_071768	64224	FLJ22313	hypothetical protein FLJ22313
1552695_a_at	4D	NM_052885	NP_443117	114134	SLC2A13	solute carrier family 2 (facilitated glucose trans
1552733_at	4D	NM_172193	NP_751943	122773	KLHDC1	kelch domain containing 1

# APPENDIX D

1552737_s_at	4D	NM_007014	NP_008945	11060	WWP2	WW domain containing E3 ubiquitin protein ligase 2
1552743_at	4D	NM_024979	NP_079255	23263	MCF2L	MCF 2 cell line derived transforming sequence like
1552768_at	4D	NM_172207	NP_757344	84254	CAMKK1	calcium/calmodulindependent protein kinase
1552772_at	4D	NM_080387	NP_525126	338339	CLEC4D	Ctype lectin domain family 4, member D
1552788_a_at	4D	NM_033647	NP_387467	92797	HELB	helicase (DNA) B
1552789_at	4D	NM_153039				
1552798_a_at	4D	NM_138557	NP_612567	7099	TLR4	tolllike receptor 4
1552836_at	4D	NM_173656	NP_775927	285267	ZNF619	zinc finger protein 619
1552857_a_at	4D	NM_000871	NP_000862	3362	HTR6	5hydroxytryptamine (serotonin) receptor 6
1552879_a_at	4D	NM_145178	NP_660161	220202	ATOH7	atonal homolog 7 (Drosophila)
1552887_at	4D	NM_152710	NP_689923	219793	C10orf27	chromosome 10 open reading frame 27
1552912_a_at	4D	NM_144701	NP_653302	149233	IL23R	interleukin 23 receptor
1552921_a_at	4D	NM_022116	NP_071399	63979	FIGNL1	figdgetinlike 1
1552930_at	4D	NM_033467	NP_258428	79258	MELL1	mel transforming oncogene like 1
1552955_at	4D	NM_054029				
1553030_a_at	4D	NM_000456	NP_000447	6821	SUOX	sulfite oxidase
1553033_at	4D	NM_138780	NP_620135	94122	SYTL5	synaptotagminlike 5
1553039_a_at	4D	NM_080871	NP_543147	136371	ASB10	ankyrin repeat and SOCS boxcontaining 10
1553087_at	4D	NM_032362				
1553088_a_at	4D	NM_138626	NP_619532	10018	BCL2L11	BCL2like 11 (apoptosis facilitator)
1553096_s_at	4D	NM_138627	NP_619533	10018	BCL2L11	BCL2like 11 (apoptosis facilitator)
1553099_at	4D	NM_145702	NP_663748	200765	TIGD1	tigger transposable element derived 1
1553103_at	4D	NM_147134	NP_667345	4799	NFX1	nuclear transcription factor, Xbox binding 1
1553122_s_at	4D	NM_021163	NP_066986	57786	RBAK	RBassociated KRAB repressor
1553134_s_at	4D	NM_145005	NP_659442	203228	C9orf72	chromosome 9 open reading frame 72
1553147_at	4D	NM_145000	NP_659437	202151	FLJ25422	hypothetical protein FLJ25422
1553155_x_at	4D	NM_152565	NP_689778	245972	ATP6V0D2	ATPase, H+ transporting, lysosomal 38kDa, V0 subun
1553158_at	4D	NM_032898	NP_116287	84984	MGC14126	hypothetical protein MGC14126
1553175_s_at	4D	NM_033431	NP_237223	8654	PDE5A	phosphodiesterase 5A, cGMPspecific
1553185_at	4D	NM_152573	NP_689786	158158	RASEF	RAS and EF hand domain containing
1553186_x_at	4D	NM_152573	NP_689786	158158	RASEF	RAS and EF hand domain containing

# APPENDIX D

1553193_at	4D	NM_152355	NP_689568	126068	ZNF441	zinc finger protein 441
1553218_a_at	4D	NM_032434	NP_115810	84450	ZNF512	zinc finger protein 512
1553244_at	4D	NM_152633	NP_689846	2187	FANCB	Fanconi anemia, complementation group B
1553269_at	4D	NM_153691	NP_710158	255403	FLJ90036	hypothetical protein FLJ90036
1553272_at	4D	NM_078483	NP_510968	206358	SLC36A1	solute carrier family 36 (proton/amino acid sympor
1553296_at	4D	NM_032787	NP_116176	84873	GPR128	G proteincoupled receptor 128
1553297_a_at	4D	NM_172313	NP_758519	1441	CSF3R	colony stimulating factor 3 receptor (granulocyte)
1553311_at	4D	NM_173644	NP_775915	284756	FLJ33860	hypothetical protein FLJ33860
1553328_a_at	4D	NM_003054	NP_003045	6571	SLC18A2	solute carrier family 18 (vesicular monoamine), me
1553363_at	4D	NM_152554	NP_689767	154386	C6orf195	chromosome 6 open reading frame 195
1553373_at	4D	NM_144625	NP_653226	128025	FLJ32978	hypothetical protein FLJ32978
1553400_a_at	4D	NM_152466	NP_689679	147081	FLJ25168	hypothetical protein FLJ25168
1553422_s_at	4D	NM_145892	NP_665899	54715	A2BP1	ataxin 2binding protein 1
1553423_a_at	4D	NM_144682	NP_653283	146857	FLJ31952	hypothetical protein FLJ31952
1553438_at	4D	NM_173578	NP_775849	283135	FLJ90834	hypothetical protein FLJ90834
1553502_a_at	4D	NM_053016	NP_443749	114299	PALM2	paralemmin 2
1553512_at	4D	NM_173860	NP_776272	3228	HOXC12	homeo box C12
1553526_at	4D	NM_176811	NP_789781	126205	NALP8	NACHT, leucine rich repeat and PYD containing 8
1553539_at	4D	NM_175053	NP_778223	121391	K6IRS4	keratin 6 irs4
1553550_at	4D	NM_173858	NP_776257	317705	VNIRS5	vomer nasal 1 receptor 5
1553568_a_at	4D	NM_005323	NP_005314	3010	HIST1H1T	histone 1, H1t
1553574_at	4D	NM_176891	NP_795372	338376	IFNE1	interferon epsilon 1
1553579_a_at	4D	NM_058206	NP_478113	10407	SPAG11	sperm associated antigen 11
1553626_a_at	4D	NM_152347	NP_689560	124989	FLJ40342	hypothetical protein FLJ40342
1553677_a_at	4D	NM_152902	NP_690866	261726	MGC3794	putative MAPK activating protein
1553685_s_at	4D	NM_138473	NP_612482	6667	SP1	Sp1 transcription factor
1553703_at	4D	NM_153358	NP_699189	163049	FLJ90396	hypothetical protein FLJ90396
1553704_x_at	4D	NM_153358	NP_699189	163049	FLJ90396	hypothetical protein FLJ90396
1553723_at	4D	NM_170776	NP_740746	222487	GPR97	G proteincoupled receptor 97
1553768_a_at	4D	NM_173674	NP_775945	285761	DCBLD1	discoilin, CUB and LCCL domain containing 1
1553770_a_at	4D	NM_033438	NP_254273	89886	SLAMF9	SLAM family member 9

# APPENDIX D

1553793_a_at	4D	NM_032202				
1553802_a_at	4D	NM_005634	NP_005625	6658	SOX3	SRV (sex determining region Y)box 3
1553838_at	4D	NM_152543	NP_689756	152940	FLJ25371	hypothetical protein FLJ25371
1553850_at	4D	NM_153754	NP_715635	114041	C21orf88	chromosome 21 open reading frame 88
1553852_at	4D	NM_152564	NP_689777	157680	COH1	Cohen syndrome 1
1553861_at	4D	NM_152772	NP_689985	255394	MGC40368	hypothetical protein MGC40368
1553863_at	4D	NM_173524	NP_775795	159491	C10orf64	chromosome 10 open reading frame 64
1553865_a_at	4D	NM_138339				
1553868_a_at	4D	NM_173665	NP_775936	285600	MGC34713	hypothetical protein MGC34713
1553886_at	4D	NM_152389	NP_689602	130619	MGC35338	hypothetical protein MGC35338
1553889_at	4D	NM_054030	NP_473371	117194	MRGX2	G protein-coupled receptor MRGX2
1553893_at	4D	NM_173482	NP_775753	126402	FLJ40365	hypothetical protein FLJ40365
1553900_s_at	4D	NM_131915				
1553947_at	4D	NM_058219	NP_478126	118460	EXOSC6	exosome component 6
1553959_a_at	4D	NM_080605	NP_542172	126792	B3GALT6	UDPGal:betaGal beta 1,3galactosyltransferase
1553960_at	4D	NM_152897	NP_690857	90203	C20orf161	polyp
1553987_at	4D	NM_016534	NP_057618	51275	FLJ39616	chromosome 20 open reading frame 161
1554021_a_at	4D	NM_006956	NP_008887	7559	ZNF12	apoptosis-related protein PNAS1
1554053_at	4D	NM_178324	NP_847894	10558	SPTLC1	zinc finger protein 12 (KOX 3)
1554085_at	4D	NM_175066	NP_778236	317781	DDX51	serine palmitoyltransferase, long chain base subunit
1554108_at	4D	NM_205543	NP_991106	130029	ALS2CR16	DEAD (AspGluAlaAsp) box polypeptide 51
1554112_a_at	4D	NM_014683	NP_055498	9706	ULK2	amyotrophic lateral sclerosis 2 (juvenile) chromos
1554153_a_at	4D	NM_016621	NP_057705	51317	PHF21A	unc51 like kinase 2 (C. elegans)
1554229_at	4D	NM_153607	NP_705835	153222	LOC153222	PHD finger protein 21A
1554300_a_at	4D	NM_174959	NP_777619	136306	LOC136306	adult retina protein
1554342_s_at	4D	NM_133636	NP_598375	113510	HEL308	hypothetical protein LOC136306
1554345_a_at	4D	NM_017676	NP_060146	54826	FLJ20125	histone deacetylase 4
1554417_s_at	4D	NM_016022	NP_057106	51107	APH1A	DNA helicase HEL308
1554428_s_at	4D	NM_020795	NP_065846	57555	NLGN2	hypothetical protein FLJ20125
1554455_at	4D	NM_181739	NP_859523	55180	WINS1	anterior pharynx defective 1 homolog A (C. elegans)
						neuroigin 2
						WINS1 protein with Drosophila Lines (Lin)
						homologo



# APPENDIX D

1554456_a_at	4D	NM_181740	NP_859524	55180	WINS1	WINS1 protein with Drosophila Lines (Lin) homologo
1554472_a_at	4D	NM_024878	NP_079154	51105	PHF20L1	PHD finger protein 20like 1
1554483_at	4D	NM_183240	NP_899063	140738	TMEM37	transmembrane protein 37
1554500_a_at	4D	NM_002924	NP_002915	6000	RGST	regulator of Gprotein signalling 7
1554510_s_at	4D	NM_014394	NP_055209	27069	GHTM	growth hormone inducible transmembrane protein
1554523_a_at	4D	NM_017649	NP_060119	54805	CNNM2	cyclin M2
1554614_a_at	4D	NM_021190	NP_067013	58155	PTBP2	polypyrimidine tract binding protein 2
1554628_at	4D	NM_173480	NP_775751	126295	LOC126295	hypothetical protein LOC126295
1554690_a_at	4D	NM_006283	NP_006274	6867	TACC1	transforming, acidic coiledcoil containing protein
1554769_at	4D	NM_152458	NP_689671	146540	FLJ32130	hypothetical protein FLJ32130
1554770_x_at	4D	NM_152458	NP_689671	146540	FLJ32130	hypothetical protein FLJ32130
1554800_at	4D	NM_017516	NP_059986	54734	RAB39	RAB39, member RAS oncogene family
1554914_at	4D	NM_178034	NP_828848	283748	PLA2G4D	phospholipase A2, group IVD (cytosolic)
1555002_at	4D	NM_203452	NP_982277	403312	MGC39545	hypothetical protein LOC403312
1555015_a_at	4D	NM_170686	NP_733787	57541	ZNF398	zinc finger protein 398
1555021_a_at	4D	NM_145349	NP_663324	8578	SCARF1	scavenger receptor class F, member 1
1555073_at	4D	NM_182615	NP_872421	348035	MGC40069	hypothetical protein MGC40069
1555154_a_at	4D	NM_006775	NP_006766	9444	QKI	quaking homolog, KH domain RNA binding (mouse)
1555167_s_at	4D	NM_182790	NP_877591	10135	PBEF1	preBcell colony enhancing factor 1
1555191_a_at	4D	NM_020482	NP_065228	9457	FHL5	four and a half LIM domains 5
1555241_at	4D	XM_376783	XP_376783	401466	LOC401466	hypothetical gene supported by BC055092
1555243_x_at	4D	XM_376783	XP_376783	401466	LOC401466	hypothetical gene supported by BC055092
1555245_s_at	4D	NM_178857	NP_849188	94137	RPIL1	retinitis pigmentosa like 1
1555255_a_at	4D	NM_014659	NP_055474	9677	KIAA0377	KIAA0377 gene product
1555371_at	4D	NM_178559	NP_848654	340273	ABCB5	ATPbinding cassette, subfamily B (MDR/TAP), member
1555407_s_at	4D	NM_033086	NP_149077	89846	FGD3	FGD1 family, member 3
1555419_a_at	4D	NM_004315	NP_004306	427	ASAH1	Nacylsphingosine amidohydrolase (acid ceramidase)
1555446_s_at	4D	NM_001001723	NP_001001723	7109	TMEM1	transmembrane protein 1
1555478_at	4D	NM_203425	NP_982249	388407	LOC388407	hypothetical gene supported by BC046200
1555495_a_at	4D	NM_005869	NP_005860	10283	SDCCAG10	serologically defined colon cancer antigen 10
1555497_a_at	4D	NM_000779	NP_000770	1580	CYP4B1	cytochrome P450, family 4, subfamily B,

# APPENDIX D

1555499_a_at	4D		NM_173065	NP_775088	163702	IL28RA	polypeptid
1555500_s_at	4D		NM_020062	NP_064446	56731	SLC2A4RG	interleukin 28 receptor, alpha (interferon, lambda
1555702_a_at	4D		NM_174964	NP_777624	6487	ST3GAL3	SLC2A4 regulator
1555725_a_at	4D		NM_003617	NP_003608	8490	RGS5	ST3 betagalactoside alpha2,3sialyltransferase 3
1555729_a_at	4D		NM_021155	NP_066978	30835	CD209	regulator of Gprotein signalling 5
1555736_a_at	4D		NM_020350	NP_065083	57085	AGTRAP	CD209 antigen
1555772_a_at	4D		NM_001789	NP_001780	993	CDC25A	angiotensin II receptorassociated protein
1555961_a_at	4D		NM_005340	NP_005331	3094	HINT1	cell division cycle 25A
1556009_at	4D		NM_002618	NP_002609	5194	PEX13	histidine triad nucleotide binding protein 1
1556200_a_at	4D		NM_001004298	NP_001004298	118611	C10orf90	peroxisome biogenesis factor 13
1556283_s_at	4D		NM_015633	NP_056448	26127	FGFR1OP2	chromosome 10 open reading frame 90
1556552_a_at	4D		NM_174917	NP_777577	197322	LOC197322	FGFR1 oncogene partner 2
1556588_at	4D		NM_175898	NP_787094	283687	LOC283687	hypothetical protein LOC197322
1556744_a_at	4D		XM_496651	XP_496651	440971	LOC440971	hypothetical protein LOC283687
							similar to Zinc finger protein Rlf (Rearranged Lmy
1557056_at	4D		XM_376444	XP_376444	133491	LOC133491	hypothetical protein LOC133491
1557091_at	4D		NM_182574	NP_872380	284358	FLJ36070	hypothetical protein FLJ36070
1557141_at	4D		NM_032222	NP_115598	84182	FLJ22374	hypothetical protein FLJ22374
1557165_s_at	4D		NM_025010	NP_079286	23276	KLHL18	kelchlike 18 (Drosophila)
1557172_x_at	4D		NM_178170	NP_835464	284086	NEK8	NIMA (never in mitosis gene a) related kinase 8
1557322_at	4D		NM_006300	NP_006291	7773	ZNF230	zinc finger protein 230
1557657_a_at	4D		XM_378473	XP_378473	400238	LOC400238	hypothetical gene supported by AK093266
1557719_at	4D		NM_001002881	NP_001002881	200576	PIP5K3	phosphatidylinositol3phosphate/phosphatidylinosit
							o
1557793_at	4D		NM_031913	NP_114119	83850	CHRS3YT	chr3 synaptotagmin
1557944_s_at	4D		NM_001331	NP_001322	1500	CTNND1	catenin (cadherinassociated protein), delta 1
1557984_s_at	4D		NM_024604	NP_078880	79657	FLJ21908	hypothetical protein FLJ21908
1558014_s_at	4D		NM_032228	NP_115604	84188	MLSTD2	male sterility domain containing 2
1558254_s_at	4D		NM_182691	NP_872633	6733	SRPK2	SFRS protein kinase 2
1558292_s_at	4D		NM_178517	NP_848612	284098	PIGW	phosphatidylinositol glycan, class W
1558327_at	4D		NM_032283	NP_115659	84243	ZDHHC18	zinc finger, DHHC domain containing 18
1558330_x_at	4D		NM_013432	NP_038460	4796	NFKBIL2	nuclear factor of kappa light polypeptide gene enh
1558333_at	4D		NM_182520	NP_872326	150248	C22orf15	chromosome 22 open reading frame 15

# APPENDIX D

1558345_a_at	4D	XM_498467	XP_498467	439911	LOC439911	hypothetical gene supported by NM_194304
1558412_at	4D	XM_053966	XP_053966	113230	LOC113230	hypothetical protein LOC113230
1558534_at	4D	NM_031211	NP_112488	81893	LAT13TM	LAT13TM protein
1558620_at	4D	NM_198484	NP_940886	285268	ZNF621	zinc finger protein 621
1558622_a_at	4D	NM_152909	NP_690873	147694	ZNF548	zinc finger protein 548
1558807_at	4D	XM_039676	XP_039676	54454	KIAA1240	KIAA1240 protein
1559050_at	4D	NM_181717	NP_859068	253018	HCG27	HLA complex group 27
1559075_s_at	4D	XM_371084	XP_371084	57597	KIAA1447	KIAA1447 protein
1559138_a_at	4D	NM_174927	NP_777587	219938	SPAS1	spergen1
1559302_at	4D	XM_370682	XP_370682	57613	KIAA1467	KIAA1467 protein
1559584_a_at	4D	NM_175900	NP_787096	283897	FLJ35681	hypothetical protein FLJ35681
1559833_at	4D	NM_015313	NP_056128	23365	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
1560078_at	4D	NM_198129	NP_937762	3909	LAMA3	laminin, alpha 3
1560348_at	4D	XM_371755	XP_371755	64283	RGNEF	Rhoguanine nucleotide exchange factor
1560762_at	4D	XM_379530	XP_379530	285972	LOC285972	hypothetical protein LOC285972
1560974_s_at	4D	NM_000620	NP_000611	4842	NOS1	nitric oxide synthase 1 (neuronal)
1561225_at	4D	XM_495807	XP_495807	338579	LOC338579	hypothetical protein LOC338579
1561286_a_at	4D	NM_206890	NP_996773	23181	C21orf106	chromosome 21 open reading frame 106
1561306_s_at	4D	NM_153700	NP_714544	161497	STRC	stereocilin
1561335_at	4D	XM_498751	XP_498751	440602	LOC440602	hypothetical gene supported by BC042100
1561429_a_at	4D	NM_033364	NP_203528	89876	C3orf15	chromosome 3 open reading frame 15
1562321_at	4D	NM_002612	NP_002603	5166	PDK4	pyruvate dehydrogenase kinase, isoenzyme 4
1562329_at	4D	NM_033225	NP_150094	64478	CSMD1	CUB and Sushi multiple domains 1
1562348_at	4D	XM_378783	XP_378783	400680	LOC400680	hypothetical gene supported by AK097381; BC040866
1562637_at	4D	NM_207506	NP_997389	401474	SAMD12	sterile alpha motif domain containing 12
1562901_at	4D	XM_378545	XP_378545	400456	LOC400456	hypothetical gene supported by BC040875
1563458_at	4D	NM_018222	NP_060692	55742	PARVA	parvin, alpha
1563657_at	4D	NM_015103	NP_055918	23129	PLXND1	plexin D1
1564022_at	4D	NM_181646	NP_857597	219578	FLJ32110	hypothetical protein FLJ32110
1564031_a_at	4D	NM_173828	NP_776189	285613	C5orf16	chromosome 5 open reading frame 16
1564285_at	4D	XM_371267	XP_371267	164045	LOC164045	hypothetical protein LOC164045
1565795_at	4D	NM_017434	NP_059130	53905	DUOX1	dual oxidase 1
1566109_at	4D	NM_018657	NP_061127	55892	MYNN	myoneurin

# APPENDIX D

1566289_at	4D	NM_017504	NP_059974	26245	OR2M4	olfactory receptor, family 2, subfamily M, member
1566991_at	4D	NM_020732	NP_065783	57492	ARID1B	AT rich interactive domain 1B (SWI1like)
1567107_s_at	4D	NM_003290	NP_003281	7171	TPM4	tropomyosin 4
1567238_at	4D	NM_001004686	NP_001004686	26246	OR2L2	olfactory receptor, family 2, subfamily L, member
1567284_at	4D	NM_001004452	NP_001004452	26219	OR1J4	olfactory receptor, family 1, subfamily J, member
1568590_at	4D	NM_004311	NP_004302	403	ARL3	ADPribosylation factorlike 3
1568592_at	4D	NM_378511	XP_378511	400368	LOC400368	hypothetical gene supported by BC031266
1568609_s_at	4D	NM_207400	NP_997283	388685	FLJ39739	FLJ39739 protein
1568629_s_at	4D	NM_005027	NP_005018	5296	PIK3R2	phosphoinositide3kinase, regulatory subunit 2 (p85)
1568658_at	4D	NM_291016	XP_291016	339804	LOC339804	hypothetical gene supported by AK075484; BC014578
1568667_s_at	4D	NM_496282	XP_496282	440503	LOC440503	similar to RIKEN cDNA 2310076L09
1568678_s_at	4D	NM_007045	NP_008976	11116	FGFR1OP	FGFR1 oncogene partner
1568713_a_at	4D	NM_015173	NP_055988	23216	TBC1D1	TBC1 (tre2/USP6, BUB2, cdc16) domain family, membe
1568720_at	4D	NM_031218	NP_112495	81931	ZNF505	zinc finger protein 505
1568856_at	4D	NM_031862	NP_114068	4077	NBR1	neighbor of BRCA1 gene 1
1568924_a_at	4D	NM_178827	NP_849149	154865	FLJ35834	hypothetical protein FLJ35834
1568954_s_at	4D	NM_014117	NP_054836	29035	PRO0149	PRO0149 protein
1569062_s_at	4D	NM_178229	NP_839943	128239	IQGAP3	IQ motif containing GTPase activating protein 3
1569073_x_at	4D	NM_003072	NP_003063	6597	SMARCA4	SWI/SNF related, matrix associated, actin dependen
1569102_at	4D	NM_000350	NP_000341	24	ABCA4	ATPbinding cassette, subfamily A (ABC1), member 4
1569189_at	4D	NM_173810	NP_776171	283237	MGC29649	hypothetical protein MGC29649
1569206_at	4D	NM_152772	NP_689985	255394	MGC40368	hypothetical protein MGC40368
1569207_s_at	4D	NM_152772	NP_689985	255394	MGC40368	hypothetical protein MGC40368
1569240_at	4D	NM_031218	NP_112495	81931	ZNF505	zinc finger protein 505
1569302_at	4D	NM_374922	XP_374922	85459	KIAA1731	KIAA1731 protein
1569323_at	4D	NM_002841	NP_002832	5793	PTPRG	protein tyrosine phosphatase, receptor type, G
1569349_at	4D	NM_020193	NP_064578	56946	C11orf30	chromosome 11 open reading frame 30
1569408_at	4D	NM_017629	NP_060099	192670	EIF2C4	eukaryotic translation initiation factor 2C, 4
1569490_at	4D	NM_022763	NP_073600	64778	FNDCC3B	fibronectin type III domain containing 3B
1569631_at	4D	NM_022787	NP_073624	64802	NMNAT1	nicotinamide nucleotide adenyltransferase 1

# APPENDIX D

1569805_at	4D		NM_378685	XP_378685	400605	LOC400605	hypothetical gene supported by BC039326
1569909_at	4D		NM_175834	NP_787028	338785	KRT6L	keratin 6L
1570253_a_at	4D		NM_144593	NP_653194	121268	RHEBL1	Ras homolog enriched in brain like 1
1570373_at	4D		NM_152557	NP_689770	155061	FLJ31413	hypothetical protein FLJ31413
1570414_x_at	4D		NM_024614	NP_078890	79667	FLJ13197	hypothetical protein FLJ13197
200002_at	4D		NM_007209	NP_009140	11224	RPL35	ribosomal protein L35
200003_s_at	4D		NM_000991	NP_000982	6158	RPL28	ribosomal protein L28
200007_at	4D		NM_003134	NP_003125	6727	SRP14	signal recognition particle 14kDa (homologous Alu
200011_s_at	4D		NM_001659	NP_001650	377	ARF3	ADP-ribosylation factor 3
200013_at	4D		NM_000986	NP_000977	6152	RPL24	ribosomal protein L24
200018_at	4D		NM_001017	NP_001008	6207	RPS13	ribosomal protein S13
200022_at	4D		NM_000979	NP_000970	6141	RPL18	ribosomal protein L18
200025_s_at	4D		NM_000988	NP_000979	6155	RPL27	ribosomal protein L27
200026_at	4D		NM_000995	NP_000986	6164	RPL34	ribosomal protein L34
200029_at	4D		NM_000981	NP_000972	6143	RPL19	ribosomal protein L19
200031_s_at	4D		NM_001015	NP_001006	6205	RPS11	ribosomal protein S11
200039_s_at	4D		NM_002794	NP_002785	5690	PSMB2	proteasome (prosome, macropain) subunit, beta type
200043_at	4D		NM_004450	NP_004441	2079	ERH	enhancer of rudimentary homolog (Drosophila)
200045_at	4D		NM_001090	NP_001081	23	ABCF1	ATPbinding cassette, subfamily F (GCN20), member 1
200046_at	4D		NM_001344	NP_001335	1603	DAD1	defender against cell death 1
200050_at	4D		NM_007145	NP_009076	7705	ZNF146	zinc finger protein 146
200053_at	4D		NM_004890	NP_004881	9552	SPAG7	sperm associated antigen 7
200056_s_at	4D		NM_006333	NP_006324	10438	C1D	nuclear DNAbinding protein
200059_s_at	4D		NM_001664	NP_001655	387	RHOA	ras homolog gene family, member A
200062_s_at	4D		NM_000989	NP_000980	6156	RPL30	ribosomal protein L30
200066_at	4D		NM_006083	NP_006074	3550	IK	IK cytokine, downregulator of HLA II
200082_s_at	4D		NM_001011	NP_001002	6201	RPS7	ribosomal protein S7
200091_s_at	4D		NM_001028	NP_001019	6230	RPS25	ribosomal protein S25
200092_s_at	4D		NM_000997	NP_000988	6167	RPL37	ribosomal protein L37
200607_s_at	4D		NM_006265	NP_006256	5885	RAD21	RAD21 homolog (S. pombe)
200609_s_at	4D		NM_017491	NP_059830	9948	WDR1	WD repeat domain 1

# APPENDIX D

200642_at	4D	NM_000454	NP_000445	6647	SOD1	superoxide dismutase 1, soluble (amyotrophic later
200647_x_at	4D	NM_003752	NP_003743	8663	EIF3S8	eukaryotic translation initiation factor 3, subunit
200648_s_at	4D	NM_002065	NP_002056	2752	GLUL	glutamateammonia ligase (glutamine synthase)
200652_at	4D	NM_003145	NP_003136	6746	SSR2	signal sequence receptor, beta (transloconassociated
200662_s_at	4D	NM_014765	NP_055580	9804	TOMM20	translocase of outer mitochondrial membrane 20
200669_s_at	4D	NM_003340	NP_003331	7323	UBE2D3	hom
200672_x_at	4D	NM_003128	NP_003119	6711	SPTBN1	ubiquitinconjugating enzyme E2D 3 (UBC4/5
200674_s_at	4D	NM_000994	NP_000985	6161	RPL32	homolog,
200696_s_at	4D	NM_000177	NP_000168	2934	GSN	spectrin, beta, nonerythrocytic 1
200700_s_at	4D	NM_006854	NP_006845	11014	KDELRL2	ribosomal protein L32
200701_at	4D	NM_006432	NP_006423	10577	NPC2	gelsolin (amyloidosis, Finnish type)
200703_at	4D	NM_003746	NP_003737	8655	DNCL1	KDEL (LysAspGluLeu) endoplasmic reticulum
200708_at	4D	NM_002080	NP_002071	2806	GOT2	protein
200716_x_at	4D	NM_012423	NP_036555	23521	RPL13A	NiemannPick disease, type C2
200725_x_at	4D	NM_006013	NP_006004	6134	RPL10	dynein, cytoplasmic, light polypeptide 1
200728_at	4D	NM_005722	NP_005713	10097	ACTR2	glutaminoxaloacetic transaminase 2, mitochondrial
200733_s_at	4D	NM_003463	NP_003454	7803	PTP4A1	ribosomal protein L13a
200734_s_at	4D	NM_001659	NP_001650	377	ARF3	ribosomal protein L10
200735_x_at	4D	NM_005594	NP_005585	4666	NACA	ARP2 actinrelated protein 2 homolog (yeast)
200741_s_at	4D	NM_001030	NP_001021	6232	RPS27	protein tyrosine phosphatase type IVA, member 1
200744_s_at	4D	NM_002074	NP_002065	2782	GNB1	ADPribosylation factor 3
200748_s_at	4D	NM_002032	NP_002023	2495	FTH1	nascentpolypeptideassociated complex alpha
200755_s_at	4D	NM_001219	NP_001210	813	CALU	polypep
200763_s_at	4D	NM_001003	NP_000994	6176	RPLP1	ribosomal protein S27 (metallopanstimulin 1)
200768_s_at	4D	NM_005911	NP_005902	4144	MAT2A	guanine nucleotide binding protein (G protein), be
200781_s_at	4D	NM_001019	NP_001010	6210	RPS15A	ferritin, heavy polypeptide 1
200788_s_at	4D	NM_003768	NP_003759	8682	PEA15	calumenin
200796_s_at	4D	NM_021960	NP_068779	4170	MCL1	ribosomal protein, large, P1
200797_s_at	4D	NM_021960	NP_068779	4170	MCL1	methionine adenosyltransferase II, alpha
200798_x_at	4D	NM_021960	NP_068779	4170	MCL1	ribosomal protein S15a
200799_at	4D	NM_005345	NP_005336	3303	HSPA1A	phosphoprotein enriched in astrocytes 15



# APPENDIX D

200800_s_at	4D	NM_005345	NP_005336	3303	HSPA1A	heat shock 70kDa protein 1A
200817_x_at	4D	NM_001014	NP_001005	6204	RPS10	ribosomal protein S10
200818_at	4D	NM_001697	NP_001688	539	ATP5O	ATP synthase, H+ transporting, mitochondrial F1 co
200819_s_at	4D	NM_001018	NP_001009	6209	RPS15	ribosomal protein S15
200823_x_at	4D	NM_000992	NP_000983	6159	RPL29	ribosomal protein L29
200826_at	4D	NM_004597	NP_004588	6633	SNRNP2	small nuclear ribonucleoprotein D2 polypeptide 16.
200827_at	4D	NM_000302	NP_000293	5351	PLOD1	procollagenlysine 1, 2oxoglutarate 5dioxygenase 1
200834_s_at	4D	NM_001024	NP_001015	6227	RPS21	ribosomal protein S21
200843_s_at	4D	NM_004446	NP_004437	2058	EPRS	glutamylylprolylRNA synthetase
200852_x_at	4D	NM_005273	NP_005264	2783	GNB2	guanine nucleotide binding protein (G protein), be
200857_s_at	4D	NM_006311	NP_006302	9611	NCOR1	nuclear receptor corepressor 1
200863_s_at	4D	NM_004663	NP_004654	8766	RAB11A	RAB11A, member RAS oncogene family
200874_s_at	4D	NM_006392	NP_006383	10528	NOL5A	nucleolar protein 5A (56kDa with KKE/D repeat)
200884_at	4D	NM_001823	NP_001814	1152	CKB	creatine kinase, brain
200888_s_at	4D	NM_000978	NP_000969	9349	RPL23	ribosomal protein L23
200893_at	4D	NM_004593	NP_004584	6434	SFRS10	splicing factor, arginine/serine-rich 10 (transform
200905_x_at	4D	NM_005516	NP_005507	3133	HLAE	major histocompatibility complex, class I, E
200909_s_at	4D	NM_001004	NP_000995	6181	RPLP2	ribosomal protein, large P2
200913_at	4D	NM_002707	NP_002698	5496	PPM1G	protein phosphatase 1G (formerly 2C), magnesiumindep
200916_at	4D	NM_003564	NP_003555	8407	TAGLN2	transgelin 2
200919_at	4D	NM_004427	NP_004418	1912	PHC2	polyhomeoticlike 2 (Drosophila)
200924_s_at	4D	NM_002394	NP_002385	6520	SLC3A2	solute carrier family 3 (activators of dibasic and
200925_at	4D	NM_004373	NP_004364	1337	COX6A1	cytochrome c oxidase subunit VIa polypeptide 1
200926_at	4D	NM_001025	NP_001016	6228	RPS23	ribosomal protein S23
200939_s_at	4D	NM_012102	NP_036234	473	RERE	arginineglutamic acid dipeptide (RE) repeats
200949_x_at	4D	NM_001023	NP_001014	6224	RPS20	ribosomal protein S20
200958_s_at	4D	NM_005625	NP_005616	6386	SDCBP	syndecan binding protein (syntenin)
200959_at	4D	NM_004960	NP_004951	2521	FUS	fusion (involved in t(12;16) in malignant liposarc
200960_x_at	4D	NM_007096	NP_009027	1211	CLTA	clathrin, light polypeptide (Lca)
200963_x_at	4D	NM_000993	NP_000984	6160	RPL31	ribosomal protein L31
200965_s_at	4D	NM_006720	NP_006711	3983	ABLIM1	actin binding LIM protein 1

# APPENDIX D

200972_at	4D	NM_198902	NP_944492	10099	TM4SF8	transmembrane 4 superfamily member 8
200973_s_at	4D	NM_005724	NP_005715	10099	TM4SF8	transmembrane 4 superfamily member 8
200980_s_at	4D	NM_000284	NP_000275	5160	PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1
200985_s_at	4D	NM_000611	NP_000602	966	CD59	CD59 antigen p1820 (antigen identified by monoclon
200989_at	4D	NM_001530	NP_001521	3091	HIF1A	hypoxia-inducible factor 1, alpha subunit (basic he
200998_s_at	4D	NM_006825	NP_006816	10970	CKAP4	cytoskeleton-associated protein 4
200999_s_at	4D	NM_006825	NP_006816	10970	CKAP4	cytoskeleton-associated protein 4
201000_at	4D	NM_001605	NP_001596	16	AARS	alanyl-tRNA synthetase
201004_at	4D	NM_006280	NP_006271	6748	SSR4	signal sequence receptor, delta (translocon associa
201008_s_at	4D	NM_006472	NP_006463	10628	TXNIP	thioredoxin interacting protein
201009_s_at	4D	NM_006472	NP_006463	10628	TXNIP	thioredoxin interacting protein
201010_s_at	4D	NM_006472	NP_006463	10628	TXNIP	thioredoxin interacting protein
201022_s_at	4D	NM_006870	NP_006861	11034	DSTN	desitin (actin depolymerizing factor)
201024_x_at	4D	NM_015904	NP_056988	9669	EIF5B	eukaryotic translation initiation factor 5B
201036_s_at	4D	NM_005327	NP_005318	3033	HADHSC	L3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
201040_at	4D	NM_002070	NP_002061	2771	GNAI2	guanine nucleotide binding protein (G protein), al
201044_x_at	4D	NM_004417	NP_004408	1843	DUSP1	dual specificity phosphatase 1
201054_at	4D	NM_006805	NP_006796	10949	HNRPA0	heterogeneous nuclear ribonucleoprotein A0
201064_s_at	4D	NM_003819	NP_003810	8761	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible
201065_s_at	4D	NM_001518	NP_001509	2969	GTF2I	general transcription factor II, i
201082_s_at	4D	NM_004082	NP_004073	1639	DCTN1	dynactin 1 (p150, glued homolog, Drosophila)
201094_at	4D	NM_001032	NP_001023	6235	RPS29	ribosomal protein S29
201109_s_at	4D	NM_003246	NP_003237	7057	THBS1	thrombospondin 1
201111_at	4D	NM_177436	NP_803185	1434	CSE1L	CSE1 chromosome segregation 1 like (yeast)
201117_s_at	4D	NM_001873	NP_001864	1363	CPE	carboxypeptidase E
201119_s_at	4D	NM_004074	NP_004065	1351	COX8A	cytochrome c oxidase subunit 8A (ubiquitous)
201129_at	4D	NM_006276	NP_006267	6432	SFRS7	splicing factor, arginine/serine-rich 7, 35kDa
201132_at	4D	NM_019597	NP_062543	3188	HNRPB2	heterogeneous nuclear ribonucleoprotein H2 (H')
201134_x_at	4D	NM_001867	NP_001858	1350	COX7C	cytochrome c oxidase subunit VIIc
201137_s_at	4D	NM_002121	NP_002112	3115	HLADPB1	major histocompatibility complex, class II, DP bet
201145_at	4D	NM_006118	NP_006109	10456	HAX1	HS1 binding protein
201146_at	4D	NM_006164	NP_006155	4780	NFE2L2	nuclear factor (erythroid-derived 2) like 2

# APPENDIX D

201156_s_at	4D	NM_004583	NP_004574	5878	RAB5C	RAB5C, member RAS oncogene family
201158_at	4D	NM_021079	NP_066565	4836	NMT1	Nmyristoyltransferase 1
201164_s_at	4D	NM_014676	NP_055491	9698	PUM1	pumilio homolog 1 (Drosophila)
201181_at	4D	NM_006496	NP_006487	2773	GNAI3	guanine nucleotide binding protein (G protein), al
201185_at	4D	NM_002775	NP_002766	5654	PRSS11	protease, serine, 11 (IGF binding)
201192_s_at	4D	NM_006224	NP_006215	5306	PITPNA	phosphatidylinositol transfer protein, alpha
201201_at	4D	NM_000100	NP_000091	1476	CSTB	cystatin B (stefin B)
201226_at	4D	NM_005004	NP_004995	4714	NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
201227_s_at	4D	NM_005004	NP_004995	4714	NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
201235_s_at	4D	NM_006763	NP_006754	7832	BTG2	BTG family, member 2
201237_at	4D	NM_006136	NP_006127	830	CAPZA2	capping protein (actin filament) muscle Zline, alp
201238_s_at	4D	NM_006136	NP_006127	830	CAPZA2	capping protein (actin filament) muscle Zline, alp
201242_s_at	4D	NM_001677	NP_001668	481	ATP1B1	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 1 polypeptide
201272_at	4D	NM_001628	NP_001619	231	AKR1B1	aldoketo reductase family 1, member B1 (aldose red
201274_at	4D	NM_002790	NP_002781	5686	PSMA5	proteasome (prosome, macropain) subunit, alpha typ
201293_x_at	4D	NM_021130	NP_066953	5478	PIA	peptidylprolyl isomerase A (cyclophilin A)
201303_at	4D	NM_014740	NP_055555	9775	DDX48	DEAD (AspGluAlaAsp) box polypeptide 48
201310_s_at	4D	NM_004772	NP_004763	9315	C5orf13	chromosome 5 open reading frame 13
201314_at	4D	NM_006374	NP_006365	10494	STK25	serine/threonine kinase 25 (STE20 homolog, yeast)
201323_at	4D	NM_006824	NP_006815	10969	EBNA1BP2	EBNA1 binding protein 2
201328_at	4D	NM_005239	NP_005230	2114	ETS2	vets erythroblastosis virus E26 oncogene homolog 2
201341_at	4D	NM_003633	NP_003624	8507	ENCI	ectodermalneural cortex (with BTBlike domain)
201342_at	4D	NM_003093	NP_003084	6631	SNRPC	small nuclear ribonucleoprotein polypeptide C
201343_at	4D	NM_003339	NP_003330	7322	UBE2D2	ubiquitinconjugating enzyme E2D 2 (UBC4/5 homolog,
201346_at	4D	NM_024551	NP_078827	79602	ADIPOR2	adiponectin receptor 2
201348_at	4D	NM_002084	NP_002075	2878	GPX3	glutathione peroxidase 3 (plasma)
201352_at	4D	NM_014263	NP_055078	10730	YME1L1	YME1like 1 (S. cerevisiae)
201358_s_at	4D	NM_016451	NP_057535	1315	COPB	coatomer protein complex, subunit beta

# APPENDIX D

201359_at	4D	NM_016451	NP_057535	1315	COPB	coatomer protein complex, subunit beta
201363_s_at	4D	NM_006469	NP_006460	10625	IVNS1ABP	influenza virus NS1A binding protein
201365_at	4D	NM_002537	NP_002528	4947	OAZ2	ornithine decarboxylase antizyme 2
201377_at	4D	NM_014847	NP_055662	9898	UBAP2L	ubiquitin associated protein 2like
201384_s_at	4D	NM_005899	NP_005890	4077	NBR1	neighbor of BRCA1 gene 1
201392_s_at	4D	NM_000876	NP_000867	3482	IGF2R	insulinlike growth factor 2 receptor
201400_at	4D	NM_002795	NP_002786	5691	PSMB3	proteasome (prosome, macropain) subunit, beta type
201401_s_at	4D	NM_001619	NP_001610	156	ADRBK1	adrenergic, beta, receptor kinase 1
201406_at	4D	NM_021029	NP_066357	6173	RPL36A	ribosomal protein L36a
201412_at	4D	NM_014045	NP_054764	26020	LRP10	low density lipoprotein receptorrelated protein 10
201413_at	4D	NM_000414	NP_000405	3295	HSD17B4	hydroxysteroid (17beta) dehydrogenase 4
201416_at	4D	NM_003107	NP_003098	6659	SOX4	SRV (sex determining region Y)box 4
201417_at	4D	NM_003107	NP_003098	6659	SOX4	SRV (sex determining region Y)box 4
201421_s_at	4D	NM_024102	NP_077007	79084	MEP50	methylosome protein 50
201429_s_at	4D	NM_000998	NP_000989	6168	RPL37A	ribosomal protein L37a
201430_s_at	4D	NM_001387	NP_001378	1809	DPYSL3	dihydropyrimidinase like 3
201453_x_at	4D	NM_005614	NP_005605	6009	RHEB	Ras homolog enriched in brain
201468_s_at	4D	NM_000903	NP_000894	1728	NQO1	NAD(P)H dehydrogenase, quinone 1
201471_s_at	4D	NM_003900	NP_003891	8878	SQSTM1	sequestosome 1
201482_at	4D	NM_002826	NP_002817	5768	QSCN6	quiescin Q6
201490_s_at	4D	NM_005729	NP_005720	10105	PIPF	peptidylprolyl isomerase F (cyclophilin F)
201491_at	4D	NM_012111	NP_036243	10598	AHSA1	AHA1, activator of heat shock 90kDa protein ATPase
201492_s_at	4D	NM_021104	NP_066927	6171	RPL41	ribosomal protein L41
201500_s_at	4D	NM_021959	NP_068778	6992	PPP1R11	protein phosphatase 1, regulatory (inhibitor) subu
201517_at	4D	NM_007362	NP_031388	22916	NCBP2	nuclear cap binding protein subunit 2, 20kDa
201519_at	4D	NM_014820	NP_055635	9868	TOMM70A	translocase of outer mitochondrial membrane 70 hom
201522_x_at	4D	NM_003097	NP_003088	6638	SNRPN	small nuclear ribonucleoprotein polypeptide N
201524_x_at	4D	NM_003348	NP_003339	7334	UBE2N	ubiquitinconjugating enzyme E2N (UBC13 homolog, ye
201527_at	4D	NM_004231	NP_004222	9296	ATP6V1F	ATPase, H+ transporting, lysosomal 14kDa, V1 subun
201532_at	4D	NM_002788	NP_002779	5684	PSMA3	proteasome (prosome, macropain) subunit, alpha

# APPENDIX D

201535_at	4D	NM_007106	NP_009037	5412	UBL3	typ
201538_s_at	4D	NM_004090	NP_004081	1845	DUSP3	ubiquitinlike 3
201568_at	4D	NM_014402	NP_055217	27089	QPC	dual specificity phosphatase 3 (vaccinia virus pho
201572_x_at	4D	NM_001921	NP_001912	1635	DC1D	low molecular mass ubiquitinonebinding protein
201577_at	4D	NM_000269	NP_000260	4830	NME1	(9.5k
201580_s_at	4D	NM_021156	NP_066979	56255	DJ971N18.2	dCMP deaminase
201582_at	4D	NM_006363	NP_006354	10483	SEC23B	nonmetastatic cells 1, protein (NM23A) expressed
201585_s_at	4D	NM_005066	NP_005057	6421	SFPQ	i
201592_at	4D	NM_003756	NP_003747	8667	EIF3S3	hypothetical protein DJ971N18.2
201593_s_at	4D	NM_018471	NP_060941	55854	LEREPO4	Sec23 homolog B (S. cerevisiae)
201594_s_at	4D	NM_005134	NP_005125	9989	PPP4R1	splicing factor proline/glutamine rich (polypyrimi
201596_x_at	4D	NM_000224	NP_000215	3875	KRT18	eukaryotic translation initiation factor 3, subuni
201599_at	4D	NM_000274	NP_000265	4942	OAT	likely ortholog of mouse immediate early
201600_at	4D	NM_007273	NP_009204	11331	REA	response,
201606_s_at	4D	NM_007062	NP_008993	11137	PWP1	protein phosphatase 4, regulatory subunit 1
201612_at	4D	NM_000696	NP_000687	223	ALDH9A1	keratin 18
201622_at	4D	NM_014390	NP_055205	27044	SND1	ornithine aminotransferase (gyrate atrophy)
201623_s_at	4D	NM_001349	NP_001340	1615	DARS	repressor of estrogen receptor activity
201630_s_at	4D	NM_004300	NP_004291	52	ACP1	nuclear phosphoprotein similar to S. cerevisiae
201641_at	4D	NM_004335	NP_004326	684	BST2	PW
201642_at	4D	NM_005534	NP_005525	3460	IFNGR2	aldehyde dehydrogenase 9 family, member A1
201658_at	4D	NM_001177	NP_001168	400	ARL1	staphylococcal nuclease domain containing 1
201665_x_at	4D	NM_001021	NP_001012	6218	RPS17	aspartyltRNA synthetase
201678_s_at	4D	NM_020187	NP_064572	56941	DC12	acid phosphatase 1, soluble
201680_x_at	4D	NM_015908	NP_056992	51593	ARS2	bone marrow stromal cell antigen 2
201682_at	4D	NM_004279	NP_004270	9512	PMPCB	interferon gamma receptor 2 (interferon gamma
201684_s_at	4D	NM_014828	NP_055643	9878	Cl4orf92	tran
201687_s_at	4D	NM_006595	NP_006586	8539	API5	ADPribosylation factorlike 1
201695_s_at	4D	NM_000270	NP_000261	4860	NP	ribosomal protein S17
						DC12 protein
						arsenate resistance protein ARS2
						peptidase (mitochondrial processing) beta
						chromosome 14 open reading frame 92
						apoptosis inhibitor 5
						nucleoside phosphorylase

# APPENDIX D

201697_s_at	4D	NM_001379	NP_001370	1786	DNMT1	DNA (cytosine5)methyltransferase 1
201700_at	4D	NM_001760	NP_001751	896	CCND3	cyclin D3
201719_s_at	4D	NM_001431	NP_001422	2037	EPB41L2	erythrocyte membrane protein band 4.1like 2
201723_s_at	4D	NM_020474	NP_065207	2589	GALNT1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl
201737_s_at	4D	NM_005885	NP_005876	10299	MARCH6	membrane-associated ring finger (C3HC4) 6
201740_at	4D	NM_004551	NP_004542	4722	NDUFES3	NADH dehydrogenase (ubiquinone) FeS protein 3, 30k
201746_at	4D	NM_000546	NP_000537	7157	TP53	tumor protein p53 (Li-Fraumeni syndrome)
201754_at	4D	NM_004374	NP_004365	1345	COX6C	cytochrome c oxidase subunit VIc
201770_at	4D	NM_004596	NP_004587	6626	SNRPA	small nuclear ribonucleoprotein polypeptide A
201771_at	4D	NM_005698	NP_005689	10067	SCAMP3	secretory carrier membrane protein 3
201778_s_at	4D	NM_014774	NP_055589	9813	KIAA0494	KIAA0494 gene product
201780_s_at	4D	NM_007282	NP_009213	11342	RNF13	ring finger protein 13
201783_s_at	4D	NM_021975	NP_068810	5970	RELA	vrel reticuloendotheliosis viral oncogene homolog
201795_at	4D	NM_002296	NP_002287	3930	LBR	lamin B receptor
201797_s_at	4D	NM_006295	NP_006286	7407	VARs2	valyl-tRNA synthetase 2
201809_s_at	4D	NM_000118	NP_000109	2022	ENG	endoglin (Osler-Rendu-Weber syndrome 1)
201824_at	4D	NM_004290	NP_004281	9604	RNF14	ring finger protein 14
201829_at	4D	NM_005863	NP_005854	10276	NET1	neuroepithelial cell transforming gene 1
201830_s_at	4D	NM_005863	NP_005854	10276	NET1	neuroepithelial cell transforming gene 1
201835_s_at	4D	NM_006253	NP_006244	5564	PRKAB1	protein kinase, AMP-activated, beta 1 noncatalytic
201839_s_at	4D	NM_002354	NP_002345	4072	TACSTD1	tumor-associated calcium signal transducer 1
201840_at	4D	NM_006156	NP_006147	4738	NEDD8	neural precursor cell expressed, developmentally d
201853_s_at	4D	NM_021873	NP_068659	994	CDC25B	cell division cycle 25B
201859_at	4D	NM_002727	NP_002718	5552	PRG1	proteoglycan 1, secretory granule
201861_s_at	4D	NM_004735	NP_004726	9208	LRRFIP1	leucine rich repeat (in FLII) interacting protein
201868_s_at	4D	NM_005647	NP_005638	6907	TBL1X	transducin (beta)-like 1Xlinked
201871_s_at	4D	NM_015853	NP_056937	51035	LOC51035	ORF
201874_at	4D	NM_003953	NP_003944	9019	MPZL1	myelin protein zero-like 1
201876_at	4D	NM_000305	NP_000296	5445	PON2	paraoxonase 2
201887_at	4D	NM_001560	NP_001551	3597	IL13RA1	interleukin 13 receptor, alpha 1
201888_s_at	4D	NM_001560	NP_001551	3597	IL13RA1	interleukin 13 receptor, alpha 1
201905_s_at	4D	NM_005808	NP_005799	10217	CTDSPL	CTD (carboxyterminal domain, RNA polymerase



# APPENDIX D

						IL, po
201910_at	4D	NM_005766	NP_005757	10160	FARPI	FERM, RhoGEF (ARHGEF) and pleckstrin domain protei
201912_s_at	4D	NM_002094	NP_002085	2935	GSPT1	G1 to S phase transition 1
201917_s_at	4D	NM_018155	NP_060625	55186	FLJ10618	hypothetical protein FLJ10618
201920_at	4D	NM_005415	NP_005406	6574	SLC20A1	solute carrier family 20 (phosphate transporter),
201925_s_at	4D	NM_000574	NP_000565	1604	DAF	decay accelerating factor for complement (CD55, Cr
201963_at	4D	NM_021122				
201980_s_at	4D	NM_012425	NP_036557	6251	RSU1	Ras suppressor protein 1
202003_s_at	4D	NM_006111	NP_006102	10449	ACAA2	acetylCoenzyme A acyltransferase 2 (mitochondrial
202020_s_at	4D	NM_006055	NP_006046	10314	LANCL1	LanC lantibiotic synthetase component Clike 1 (bac
202021_x_at	4D	NM_005801	NP_005792	10209	SUI1	putative translation initiation factor
202029_x_at	4D	NM_000999	NP_000990	6169	RPL38	ribosomal protein L38
202034_x_at	4D	NM_014781	NP_055596	9821	RB1CC1	RB1 inducible coiledcoil 1
202039_at	4D	NM_004740	NP_004731	9220	TLAF1	TGFB1 induced antiapoptotic factor 1
202061_s_at	4D	NM_005065	NP_005056	6400	SEL1L	sell suppressor of lin12like (C. elegans)
202064_s_at	4D	NM_005065	NP_005056	6400	SEL1L	sell suppressor of lin12like (C. elegans)
202068_s_at	4D	NM_000527	NP_000518	3949	LDLR	low density lipoprotein receptor (familial hyperch
202077_at	4D	NM_005003	NP_004994	4706	NDUFAB1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subc
202080_s_at	4D	NM_014965	NP_055780	22906	OIP106	OGT(OGlcNAc transferase)interacting protein
202098_s_at	4D	NM_001535	NP_001526	3275	HRMTL1	106 KD
202100_at	4D	NM_002881	NP_002872	5899	RALB	HMT1 hnRNP methyltransferaselike 1 (S. cerevisiae)
202101_s_at	4D	NM_002881	NP_002872	5899	RALB	vral simian leukemia viral oncogene homolog B (ras
202102_s_at	4D	NM_014299	NP_055114	23476	BRD4	vral simian leukemia viral oncogene homolog B (ras
202108_at	4D	NM_000285	NP_000276	5184	PEPD	bromodomain containing 4
202110_at	4D	NM_001866	NP_001857	1349	COX7B	peptidase D
202112_at	4D	NM_000552	NP_000543	7450	VWF	cytochrome c oxidase subunit VIIb
						von Willebrand factor

# APPENDIX D

202123_s_at	4D	NM_005157	NP_005148	25	ABL1	vabl Abelson murine leukemia viral oncogene homolo
202136_at	4D	NM_006624	NP_006615	10771	ZMYND11	zinc finger, MYND domain containing 11
202144_s_at	4D	NM_000026	NP_000017	158	ADSL	adenylosuccinate lyase
202149_at	4D	NM_006403	NP_006394	4739	NEDD9	neural precursor cell expressed, developmentally d
202154_x_at	4D	NM_006086	NP_006077	10381	TUBB3	tubulin, beta 3
202168_at	4D	NM_003187	NP_003178	6880	TAF9	TAF9 RNA polymerase II, TATA box binding protein (
202187_s_at	4D	NM_006243	NP_006234	5525	PPP2R5A	protein phosphatase 2, regulatory subunit B (B56),
202193_at	4D	NM_005569	NP_005560	3985	LIMK2	LIM domain kinase 2
202198_s_at	4D	NM_021090	NP_066576	8897	MTMR3	myotubularin related protein 3
202203_s_at	4D	NM_001144	NP_001135	267	AMFR	autocrine motility factor receptor
202209_at	4D	NM_014463	NP_055278	27258	LSM3	LSM3 homolog, U6 small nuclear RNA associated (S,
202220_at	4D	NM_014949	NP_055764	22889	K1AA0907	K1AA0907 protein
202228_s_at	4D	NM_017455	NP_059429	27020	SDFR1	stromal cell derived factor receptor 1
202237_at	4D	NM_006169	NP_006160	4837	NNMT	nicotinamide N-methyltransferase
202246_s_at	4D	NM_000075	NP_000066	1019	CDK4	cyclindependent kinase 4
202259_s_at	4D	NM_014887	NP_055702	10443	PFAAP5	phosphonoformate immunassociated protein 5
202261_at	4D	NM_005997	NP_005988	6944	TCFL1	transcription factorlike 1
202264_s_at	4D	NM_006114	NP_006105	10452	TOMM40	translocase of outer mitochondrial membrane 40 hom
202266_at	4D	NM_016614	NP_057698	51567	TTRAP	TRAF and TNF receptor associated protein
202267_at	4D	NM_005562	NP_005553	3918	LAMC2	laminin, gamma 2
202296_s_at	4D	NM_007033	NP_008964	11079	RER1	RER1 retention in endoplasmic reticulum 1 homolog
202298_at	4D	NM_004541	NP_004532	4694	NDUFA1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
202306_at	4D	NM_002696	NP_002687	5436	POLR2G	polymerase (RNA) II (DNA directed) polypeptide G
202322_s_at	4D	NM_004837	NP_004828	9453	GGPS1	geranylgeranyl diphosphate synthase 1
202326_at	4D	NM_006709	NP_006700	10919	BAT8	HLA-B associated transcript 8
202328_s_at	4D	NM_000296	NP_000287	5310	PKD1	polycystic kidney disease 1 (autosomal dominant)
202334_s_at	4D	NM_003337	NP_003328	7320	UBE2B	ubiquitinconjugating enzyme E2B (RAD6 homolog)

# APPENDIX D

202335_s_at	4D	NM_003337	NP_003328	7320	UBE2B	ubiquitinconjugating enzyme E2B (RAD6 homolog)
202345_s_at	4D	NM_001444	NP_001435	2171	FABP5	fatty acid binding protein 5 (psoriasisassociated)
202349_at	4D	NM_000113	NP_000104	1861	TOR1A	torsin family 1, member A (torsin A)
202371_at	4D	NM_024863	NP_079139	79921	TCEAL4	transcription elongation factor A (SII)like 4
202377_at	4D	NM_017526	NP_059996	54741	LEPROT	lepin receptor overlapping transcript
202392_s_at	4D	NM_014338	NP_055153	23761	PISD	phosphatidylserine decarboxylase
202394_s_at	4D	NM_018358	NP_060828	55324	ABCF3	ATPbinding cassette, subfamily F (GCN20), member 3
202396_at	4D	NM_006706	NP_006697	10915	TCERG1	transcription elongation regulator 1
202399_s_at	4D	NM_005829	NP_005820	10239	AP3S2	adaptorrelated protein complex 3, sigma 2 subunit
202402_s_at	4D	NM_001751	NP_001742	833	CARS	cysteinylnRNA synthetase
202408_s_at	4D	NM_015629	NP_056444	26121	PRPF31	PRP31 premRNA processing factor 31 homolog (yeast)
202418_at	4D	NM_020470	NP_065203	10897	YIF1	Yip1 interacting factor homolog (S. cerevisiae)
202422_s_at	4D	NM_022977	NP_075266	2182	ACSL4	acylCoA synthetase longchain family member 4
202426_s_at	4D	NM_002957	NP_002948	6256	RXRA	retinoid X receptor, alpha
202427_s_at	4D	NM_015415	NP_056230	25874	DKFZP564B167	DKFZP564B167 protein
202428_x_at	4D	NM_020548	NP_065438	1622	DBI	diazepam binding inhibitor (GABA receptor modulator)
202431_s_at	4D	NM_002467	NP_002458	4609	MYC	myc myelocytomatosis viral oncogene homolog (avia)
202434_s_at	4D	NM_000104	NP_000095	1545	CYP11B1	cytochrome P450, family 1, subfamily B, polypeptid
202442_at	4D	NM_001284	NP_001275	1176	AP3S1	adaptorrelated protein complex 3, sigma 1 subunit
202444_s_at	4D	NM_006459	NP_006450	10613	SPFH1	SPFH domain family, member 1
202449_s_at	4D	NM_002957	NP_002948	6256	RXRA	retinoid X receptor, alpha
202456_s_at	4D	NM_006336	NP_006327	10444	C9orf60	chromosome 9 open reading frame 60
202459_s_at	4D	NM_014646	NP_055461	9663	LPIN2	lipin 2
202464_s_at	4D	NM_004566	NP_004557	5209	PFKFB3	6phosphofructo2kinase/fructose2,6biphosphatase 3
202468_s_at	4D	NM_003798	NP_003789	8727	CTNNA1	catenin (cadherinassociated protein), alphaslike 1
202475_at	4D	NM_006326				
202483_s_at	4D	NM_002882	NP_002873	5902	RANBP1	RAN binding protein 1
202488_s_at	4D	NM_005971	NP_005962	5349	FXYD3	FXYD domain containing ion transport regulator 3

# APPENDIX D

202498_s_at	4D	NM_006931	NP_008862	6515	SLC2A3	solute carrier family 2 (facilitated glucose trans
202502_at	4D	NM_000016	NP_000007	34	ACADM	acylCoenzyme A dehydrogenase, C4 to C12 straight c
202509_s_at	4D	NM_006291	NP_006282	7127	TNFAIP2	tumor necrosis factor, alphasinduced protein 2
202513_s_at	4D	NM_006245	NP_006236	5528	PPP2R5D	protein phosphatase 2, regulatory subunit B (B56), mult. homolog 1, colon cancer, nonpolyposis type 2
202520_s_at	4D	NM_000249	NP_000240	4292	MLH1	
202521_at	4D	NM_006565	NP_006556	10664	CTCF	CCCTCbinding factor (zinc finger protein)
202531_at	4D	NM_002198	NP_002189	3659	IRF1	interferon regulatory factor 1
202536_at	4D	NM_014043	NP_054762	25978	DKFZP564O123	DKFZP564O123 protein
202540_s_at	4D	NM_000859	NP_000850	3156	HMGCR	3hydroxy3methylglutarylCoenzyme A reductase
202553_s_at	4D	NM_015484	NP_056299	25949	P29	GCLPinteracting protein p29
202560_s_at	4D	NM_015607	NP_056422	26097	DKFZP547E1010	DKFZP547E1010 protein
202565_s_at	4D	NM_003174	NP_003165	6840	SVIL	supervillin
202567_at	4D	NM_004175	NP_004166	6634	SNRPD3	small nuclear ribonucleoprotein D3 polypeptide 18k
202577_s_at	4D	NM_018332	NP_060802	55308	DDX19L	DEAD (AspGluAlaAs) box polypeptide 19like
202581_at	4D	NM_005346	NP_005337	3304	HSPA1B	heat shock 70kDa protein 1B
202591_s_at	4D	NM_003143	NP_003134	6742	SSBP1	singestranded DNA binding protein 1
202593_s_at	4D	NM_016641	NP_057725	51573	MIR16	membrane interacting protein of RGS16
202600_s_at	4D	NM_003489	NP_003480	8204	NRIP1	nuclear receptor interacting protein 1
202611_s_at	4D	NM_004229	NP_004220	9282	CRSP2	cofactor required for Sp1 transcriptional activati
202618_s_at	4D	NM_004992	NP_004983	4204	MECP2	methyl CpG binding protein 2 (Rett syndrome)
202620_s_at	4D	NM_000935	NP_000926	5352	PLOD2	procollagenlysine, 2oxoglutarate 5dioxygenase 2
202623_at	4D	NM_018453	NP_060923	55837	C14orf11	chromosome 14 open reading frame 11
202630_at	4D	NM_006380	NP_006371	10513	APBP2	amyloid beta precursor protein (cytoplasmic tail)
202635_s_at	4D	NM_005034	NP_005025	5440	POLR2K	polymerase (RNA) II (DNA directed) polypeptide K,
202641_at	4D	NM_004311	NP_004302	403	ARL3	ADPribosylation factorlike 3
202643_s_at	4D	NM_006290	NP_006281	7128	TNFAIP3	tumor necrosis factor, alphasinduced protein 3
202644_s_at	4D	NM_006290	NP_006281	7128	TNFAIP3	tumor necrosis factor, alphasinduced protein 3
202649_x_at	4D	NM_001022	NP_001013	6223	RPS19	ribosomal protein S19
202651_at	4D	NM_014873	NP_055688	9926	LPGAT1	lysophosphatidylglycerol acyltransferase 1
202654_x_at	4D	NM_022826	NP_073737	64844	MARCH7	membraneassociated ring finger (C3HC4) 7

# APPENDIX D

202658_at	4D	NM_003846	NP_003837	8799	PEX11B	peroxisomal biogenesis factor 11B
202663_at	4D	NM_003387	NP_003378	7456	WASPIP	WiskottAldrich syndrome protein interacting protei
202665_s_at	4D	NM_003387	NP_003378	7456	WASPIP	WiskottAldrich syndrome protein interacting protei
202678_at	4D	NM_004492	NP_004483	2958	GTF2A2	general transcription factor IIA, 2, 12kDa
202690_s_at	4D	NM_006938	NP_008869	6632	SNRPD1	small nuclear ribonucleoprotein D1 polypeptide 16k
202692_s_at	4D	NM_014233	NP_055048	7343	UBTF	upstream binding transcription factor, RNA polymer
202695_s_at	4D	NM_004760	NP_004751	9263	STK17A	serine/threonine kinase 17a (apoptosisinducing)
202698_x_at	4D	NM_001861	NP_001852	1327	COX4I1	cytochrome c oxidase subunit IV isoform 1
202710_at	4D	NM_005868	NP_005859	10282	BET1	BET1 homolog (S. cerevisiae)
202726_at	4D	NM_000234	NP_000225	3978	LIG1	ligase I, DNA, ATPdependent
202728_s_at	4D	NM_000627	NP_000618	4052	LTBP1	latent transforming growth factor beta binding pro
202747_s_at	4D	NM_004867	NP_004858	9452	ITM2A	integral membrane protein 2A
202748_at	4D	NM_004120	NP_004111	2634	GBP2	guanylate binding protein 2, interferoninducible
202749_at	4D	NM_004627	NP_004618	7485	WRB	tryptophan rich basic protein
202754_at	4D	NM_015361	NP_056176	23518	R3HDM	R3H domain (binds singlestranded nucleic acids) co
202758_s_at	4D	NM_003721	NP_003712	8625	RFXANK	regulatory factor Xassociated ankyrincontaining pr
202759_s_at	4D	NM_007203	NP_009134	445815	PALM2AKAP2	PALM2AKAP2 protein
202766_s_at	4D	NM_000138	NP_000129	2200	FBN1	fibrillin 1 (Marfan syndrome)
202767_at	4D	NM_001610	NP_001601	53	ACP2	acid phosphatase 2, lysosomal
202770_s_at	4D	NM_004354	NP_004345	901	CCNG2	cyclin G2
202775_s_at	4D	NM_004592	NP_004583	6433	SFRS8	splicing factor, arginine/serinerich 8 (suppressor
202777_at	4D	NM_007373	NP_031399	8036	SHOC2	soc2 suppressor of clear homolog (C. elegans)
202781_s_at	4D	NM_016532	NP_057616	51763	SKIP	skeletal muscle and kidney enriched inositol phosph
202785_at	4D	NM_005001	NP_004992	4701	NDUFA7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
202787_s_at	4D	NM_004635	NP_004626	7867	MAPKAPK3	mitogenactivated protein kinaseactivated protein k
202789_at	4D	NM_182811	NP_877963	5335	PLCG1	phospholipase C, gamma 1
202800_at	4D	NM_004172	NP_004163	6507	SLC1A3	solute carrier family 1 (glial high affinity gluta
202806_at	4D	NM_004395	NP_004386	1627	DBN1	drebrin 1
202810_at	4D	NM_004147	NP_004138	4733	DRG1	developmentally regulated GTP binding protein 1

# APPENDIX D

202811_at	4D	NM_006463	NP_006454	10617	STAMBP	STAM binding protein
202813_at	4D	NM_005646	NP_005637	6894	TARBP1	TAR (HIV) RNA binding protein 1
202817_s_at	4D	NM_005637	NP_005628	6760	SS18	synovial sarcoma translocation, chromosome 18
202818_s_at	4D	NM_003198	NP_003189	6924	TCEB3	transcription elongation factor B (SII), polypept
202822_at	4D	NM_005578	NP_005569	4026	LPP	LIM domain containing preferred translocation part
202832_at	4D	NM_014635	NP_055450	9648	GCC2	GRIP and coiledcoil domain containing 2
202833_s_at	4D	NM_000295	NP_000286	5265	SERPINA1	serine (or cysteine) proteinase inhibitor, clade A
202838_at	4D	NM_000147	NP_000138	2517	FUCA1	fucosidase, alphas, 1, tissue
202839_s_at	4D	NM_004146	NP_004137	4713	NDUFB7	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
202846_s_at	4D	NM_002642	NP_002633	5279	PIGC	phosphatidylinositol glycan, class C
202855_s_at	4D	NM_004207	NP_004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
202856_s_at	4D	NM_004207	NP_004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
202857_at	4D	NM_014255	NP_055070	10330	TMEM4	transmembrane protein 4
202866_at	4D	NM_001002762	NP_001002762	54788	DNAJB12	DnaJ (Hsp40) homolog, subfamily B, member 12
202882_x_at	4D	NM_016167	NP_057251	51406	NOL7	nucleolar protein 7, 27kDa
202887_s_at	4D	NM_019058	NP_061931	54541	DDIT4	DNA damage inducible transcript 4
202888_s_at	4D	NM_001150	NP_001141	290	ANPEP	alanyl (membrane) aminopeptidase
202889_x_at	4D	NM_003980	NP_003971	9053	MAP7	(aminopeptidase N
202892_at	4D	NM_004661	NP_004652	8697	CDC23	microtubule associated protein 7
202895_s_at	4D	NM_080792	NP_542970	140885	PTPNS1	CDC23 (cell division cycle 23, yeast, homolog)
202896_s_at	4D	NM_004648				protein tyrosine phosphatase, nonreceptor type sub
202902_s_at	4D	NM_004079	NP_004070	1520	CTSS	
202905_x_at	4D	NM_002485	NP_002476	4683	NBS1	cathepsin S
202906_s_at	4D	NM_002485	NP_002476	4683	NBS1	Nijmegen breakage syndrome 1 (nibrin)
202907_s_at	4D	NM_002485	NP_002476	4683	NBS1	Nijmegen breakage syndrome 1 (nibrin)
202910_s_at	4D	NM_001784	NP_001775	976	CD97	Nijmegen breakage syndrome 1 (nibrin)
202921_s_at	4D	NM_001148	NP_001139	287	ANK2	CD97 antigen
202922_at	4D	NM_001498	NP_001489	2729	GCLC	ankyrin 2, neuronal
202926_at	4D	NM_015909	NP_056993	51594	NAG	glutamatecysteine ligase, catalytic subunit
202933_s_at	4D	NM_005433	NP_005424	7525	YES1	neuroblastoma amplified protein
202943_s_at	4D	NM_000262	NP_000253	4668	NAGA	yes1 Yamaguchi sarcoma viral oncogene homolog 1
						Nacetyl galactosaminidase, alpha



# APPENDIX D

202961_s_at	4D	NM_004889	NP_004880	9551	ATP5J2	ATP synthase, H+ transporting, mitochondrial F0
202963_at	4D	NM_000449	NP_000440	5993	RFX5	co regulatory factor X, 5 (influences HLA class II ex
202966_at	4D	NM_014289	NP_055104	827	CAPN6	calpain 6
202968_s_at	4D	NM_006482	NP_006473	8445	DYRK2	dualspecificity tyrosine(Y)phosphorylation regulat
202971_s_at	4D	NM_006482	NP_006473	8445	DYRK2	dualspecificity tyrosine(Y)phosphorylation regulat
202974_at	4D	NM_002436	NP_002427	4354	MPP1	membrane protein, palmitoylated 1, 55kDa
203012_x_at	4D	NM_000984	NP_000975	6147	RPL23A	ribosomal protein L23a
203019_x_at	4D	NM_014021	NP_054740	117178	SSX2IP	synovial sarcoma, X breakpoint 2 interacting prote
203023_at	4D	NM_016391	NP_057475	51491	HSPC111	hypothetical protein HSPC111
203026_at	4D	NM_014872	NP_055687	9925	ZBTB5	zinc finger and BTB domain containing 5
203029_s_at	4D	NM_002847	NP_002838	5799	PTPRN2	protein tyrosine phosphatase, receptor type, N pol
203030_s_at	4D	NM_002847	NP_002838	5799	PTPRN2	protein tyrosine phosphatase, receptor type, N pol
203031_s_at	4D	NM_000375	NP_000366	7390	UROS	uroporphyrinogen III synthase (congenital erythrop
203042_at	4D	NM_002294	NP_002285	3920	LAMP2	lysosomalassociated membrane protein 2
203045_at	4D	NM_004148	NP_004139	4814	NINJ1	ninjurin 1
203046_s_at	4D	NM_003920	NP_003911	8914	TIMELESS	timeless homolog (Drosophila)
203053_at	4D	NM_005872	NP_005863	10286	BCAS2	breast carcinoma amplified sequence 2
203058_s_at	4D	NM_004670	NP_004661	9060	PAPSS2	3'phosphoadenosine 5'phosphosulfate synthase 2
203060_s_at	4D	NM_004670	NP_004661	9060	PAPSS2	3'phosphoadenosine 5'phosphosulfate synthase 2
203064_s_at	4D	NM_004514	NP_004505	3607	FOXK2	forkhead box K2
203066_at	4D	NM_014863				
203068_at	4D	NM_014851	NP_055666	9903	KLHL21	kelchlike 21 (Drosophila)
203073_at	4D	NM_007357	NP_031383	22796	COG2	component of oligomeric golgi complex 2
203089_s_at	4D	NM_013247	NP_037379	27429	PRSS25	protease, serine, 25
203095_at	4D	NM_002453	NP_002444	4528	MTIF2	mitochondrial translational initiation factor 2
203097_s_at	4D	NM_014247				
203117_s_at	4D	NM_014871	NP_055686	9924	USP52	ubiquitin specific protease 52
203126_at	4D	NM_014214	NP_055029	3613	IMPA2	inositol(myo)l(or 4)monophosphatase 2
203133_at	4D	NM_006808	NP_006799	10952	SEC61B	Sec61 beta subunit
203135_at	4D	NM_003194	NP_003185	6908	TBP	TATA box binding protein
203144_s_at	4D	NM_014656	NP_055471	9674	KIAA0040	KIAA0040 gene product
203155_at	4D	NM_012432	NP_036564	9869	SETDB1	SET domain, bifurcated 1

# APPENDIX D

203156_at	4D	NM_016248	NP_057332	11215	AKAP11	A kinase (PRKA) anchor protein 11
203167_at	4D	NM_003255	NP_003246	7077	TIMP2	tissue inhibitor of metalloproteinase 2
203168_at	4D	NM_004381	NP_004372	1388	CREBL1	cAMP responsive element binding proteinlike 1
203171_s_at	4D	NM_015324	NP_056139	23378	KIAA0409	KIAA0409 protein
203173_s_at	4D	NM_020314	NP_064710	57020	MGC16824	esophageal cancer associated protein
203178_at	4D	NM_001482	NP_001473	2628	GATM	glycine amidinotransferase (L-arginine:glycine amid
203182_s_at	4D	NM_003138				
203199_s_at	4D	NM_002454	NP_002445	4552	MTRR	5methyltetrahydrofolatehomocysteine methyltransfer
203202_at	4D	NM_007043	NP_008974	11103	HRB2	HIV1 rev binding protein 2
203219_s_at	4D	NM_000485	NP_000476	353	APRT	adenine phosphoribosyltransferase
203227_s_at	4D	NM_005981	NP_005972	6302	SAS	sarcoma amplified sequence
203240_at	4D	NM_003890	NP_003881	8857	FCGBP	Fc fragment of IgG binding protein
203259_s_at	4D	NM_016063	NP_057147	51020	C6orf74	chromosome 6 open reading frame 74
203277_at	4D	NM_004401	NP_004392	1676	DEFA	DNA fragmentation factor, 45kDa, alpha polypeptide
203292_s_at	4D	NM_021729	NP_068375	55823	VPS11	vacuolar protein sorting 11 (yeast)
203298_s_at	4D	NM_004973	NP_004964	3720	JARID2	Jumonji, AT rich interactive domain 2
203310_at	4D	NM_007269	NP_009200	6814	STXBP3	syntaxin binding protein 3
203314_at	4D	NM_012227	NP_036359	8225	GTPBP6	GTP binding protein 6 (putative)
203316_s_at	4D	NM_003094	NP_003085	6635	SNRPE	small nuclear ribonucleoprotein polypeptide E
203319_s_at	4D	NM_021964	NP_068799	7707	ZNF148	zinc finger protein 148 (pHZ52)
203324_s_at	4D	NM_001233	NP_001224	858	CAV2	caveolin 2
203350_at	4D	NM_001128	NP_001119	164	APIG1	adaptorrelated protein complex 1, gamma 1 subunit
203358_s_at	4D	NM_004456	NP_004447	2146	EZH2	enhancer of zeste homolog 2 (Drosophila)
203361_s_at	4D	NM_012333	NP_036465	26292	MYCBP	cmyc binding protein
203374_s_at	4D	NM_003291	NP_003282	7174	TPP2	tripeptidyl peptidase II
203375_s_at	4D	NM_003291	NP_003282	7174	TPP2	tripeptidyl peptidase II
203376_at	4D	NM_015891	NP_056975	51362	CDC40	cell division cycle 40 homolog (yeast)
203385_at	4D	NM_001345	NP_001336	1606	DGKA	diacylglycerol kinase, alpha 80kDa
203389_at	4D	NM_002254	NP_002245	3797	KIF3C	kinesin family member 3C
203390_s_at	4D	NM_002254	NP_002245	3797	KIF3C	kinesin family member 3C
203397_s_at	4D	NM_004482	NP_004473	2591	GALNT3	UDP-NacetylalphanDgalactosamine-polypeptide

# APPENDIX D

203399_x_at	4D		NM_021016	NP_066296	5671	PSG3	Nacetylg
203400_s_at	4D		NM_001063	NP_001054	7018	TF	pregnancy specific beta1 glycoprotein 3 transferrin
203405_at	4D		NM_003720	NP_003711	8624	DSCR2	Down syndrome critical region gene 2
203416_at	4D		NM_000560	NP_000551	963	CD53	CD53 antigen
203420_at	4D		NM_016255	NP_057339	51439	FAM8A1	family with sequence similarity 8, member A1
203435_s_at	4D		NM_007287	NP_009218	4311	MME	membrane metalloendopeptidase (neutral endopeptida
203436_at	4D		NM_006413	NP_006404	10556	RPP30	ribonuclease P/MRP 30kDa subunit
203440_at	4D		NM_001792	NP_001783	1000	CDH2	cadherin 2, type 1, Ncadherin (neuronal)
203450_at	4D		NM_015373	NP_056188	25776	PGEA1	PKD2 interactor, golgi and endoplasmic reticulum a
203451_at	4D		NM_003893	NP_003884	8861	LDB1	LIM domain binding 1
203455_s_at	4D		NM_002970	NP_002961	6303	SAT	spermidine/spermine N1acetyltransferase
203460_s_at	4D		NM_007318	NP_015557	5663	PSEN1	presenilin 1 (Alzheimer disease 3)
203469_s_at	4D		NM_003674	NP_003665	8558	CDK10	cyclindependent kinase (CDC2like) 10
203470_s_at	4D		NM_002664	NP_002655	5341	PLEK	pleckstrin
203471_s_at	4D		NM_002664	NP_002655	5341	PLEK	pleckstrin
203472_s_at	4D		NM_007256	NP_009187	11309	SLCO2B1	solute carrier organic anion transporter family, m
203474_at	4D		NM_006633	NP_006624	10788	IQGAP2	IQ motif containing GTPase activating protein 2
203478_at	4D		NM_002494	NP_002485	4717	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unkn
203484_at	4D		NM_014302	NP_055117	23480	SEC61G	Sec61 gamma subunit
203494_s_at	4D		NM_014679	NP_055494	9702	PIG8	translokoin
203497_at	4D		NM_004774	NP_004765	5469	PPARBP	PPAR binding protein
203499_at	4D		NM_004431	NP_004422	1969	EPHA2	EPH receptor A2
203508_at	4D		NM_001066	NP_001057	7133	TNFRSF1B	tumor necrosis factor receptor superfamily, member
203515_s_at	4D		NM_006556	NP_006547	10654	PMVK	phosphomevalonate kinase
203527_s_at	4D		NM_000038	NP_000029	324	APC	adenomatosis polyposis coli
203534_at	4D		NM_014462	NP_055277	27257	LSM1	LSM1 homolog, U6 small nuclear RNA associated (S,
203538_at	4D		NM_001745	NP_001736	819	CAMLG	calcium modulating ligand
203547_at	4D		NM_000616	NP_000607	920	CD4	CD4 antigen (p55)
203556_at	4D		NM_014943	NP_055758	22882	ZHX2	zinc fingers and homeoboxes 2

## APPENDIX D

203564_at	4D	NM_004629	NP_004620	2189	FANCG	Fanconi anemia, complementation group G
203569_s_at	4D	NM_003611	NP_003602	8481	OED1	orofacialdigital syndrome 1
203574_at	4D	NM_005384	NP_005375	4783	NFIL3	nuclear factor, interleukin 3 regulated
203575_at	4D	NM_001896	NP_001887	1459	CSNK2A2	casein kinase 2, alpha prime polypeptide
203579_s_at	4D	NM_003983	NP_003974	9057	SLC7A6	solute carrier family 7 (cationic amino acid trans
203580_s_at	4D	NM_003983	NP_003974	9057	SLC7A6	solute carrier family 7 (cationic amino acid trans
203583_at	4D	NM_014044	NP_054763	25972	UNC50	unc50 homolog (C. elegans)
203597_s_at	4D	NM_007187	NP_009118	11193	WBP4	WW domain binding protein 4 (formin binding
203599_s_at	4D	NM_007187	NP_009118	11193	WBP4	WW domain binding protein 4 (formin binding
203607_at	4D	NM_014937	NP_055752	22876	INPP5F	inositol polyphosphate5phosphatase F
203611_at	4D	NM_005652	NP_005643	7014	TERF2	telomeric repeat binding factor 2
203614_at	4D	NM_021645	NP_067677	9724	UTP14C	UTP14, U3 small nucleolar ribonucleoprotein,
203616_at	4D	NM_002690	NP_002681	5423	POLB	polymerase (DNA directed), beta
203617_x_at	4D	NM_005229	NP_005220	2002	ELK1	ELK1, member of ETS oncogene family
203634_s_at	4D	NM_001876	NP_001867	1374	CPT1A	carnitine palmitoyltransferase 1A (liver)
203635_at	4D	NM_006052	NP_006043	10311	DSCR3	Down syndrome critical region gene 3
203650_at	4D	NM_006404	NP_006395	10544	PROCR	protein C receptor, endothelial (EPCR)
203653_s_at	4D	NM_004645	NP_004636	8161	COL1	collin
203655_at	4D	NM_006297	NP_006288	7515	XRCC1	Xray repair complementing defective repair in
203667_at	4D	NM_004607	NP_004598	6902	TBCA	Chin
203668_at	4D	NM_006715	NP_006706	4123	MAN2C1	tubulinspecific chaperone a
203672_x_at	4D	NM_000367	NP_000358	7172	TPMT	mannosidase, alpha, class 2C, member 1
203675_at	4D	NM_005013	NP_005004	4925	NUCB2	thiopurine Smethyltransferase
203678_at	4D	NM_014967	NP_055782	22909	KIAA1018	nucleobindin 2
203679_at	4D	NM_006858	NP_006849	11018	TMED1	KIAA1018 protein
203690_at	4D	NM_006322	NP_006313	10426	TUBGCP3	transmembrane emp24 domain containing 1
203701_s_at	4D	NM_017722	NP_060192	55621	FLJ20244	tubulin, gamma complex associated protein 3
203708_at	4D	NM_002600	NP_002591	5142	PDE4B	hypothetical protein FLJ20244
203712_at	4D	NM_014878	NP_055693	9933	KIAA0020	phosphodiesterase 4B, cAMPspecific
203737_s_at	4D	NM_015062	NP_055877	23082	PPRC1	(phosphodiester
						peroxisome proliferative activated receptor,

# APPENDIX D

203745_at	4D		NM_005333	NP_005324	3052	HCCS	gamma holocytochrome c synthase (cytochrome c hemelyase)
203748_x_at	4D		NM_016839	NP_058523	5937	RBMS1	RNA binding motif, single stranded interacting pro
203753_at	4D		NM_003199	NP_003190	6925	TCF4	transcription factor 4
203760_s_at	4D		NM_006748	NP_006739	6503	SLA	Src1keadaptor
203761_at	4D		NM_006748	NP_006739	6503	SLA	Src1keadaptor
203765_at	4D		NM_012198	NP_036330	25801	GCA	grancalcin, EFhand calcium binding protein
203766_s_at	4D		NM_012134	NP_036266	25802	LMOD1	leiomodin 1 (smooth muscle)
203781_at	4D		NM_004891	NP_004882	9553	MRPL33	mitochondrial ribosomal protein L33
203795_s_at	4D		NM_020993	NP_066273	605	BCL7A	Bcell CLL/lymphoma 7A
203800_s_at	4D		NM_022100	NP_071383	63931	MRPS14	mitochondrial ribosomal protein S14
203802_x_at	4D		NM_018044	NP_060514	55695	NSUN5	NOL1/NOP2/Sun domain family, member 5
203810_at	4D		NM_007034	NP_008965	11080	DNAJB4	Dna1 (Hsp40) homolog, subfamily B, member 4
203813_s_at	4D		NM_003062	NP_003053	6586	SLIT3	slit homolog 3 (Drosophila)
203820_s_at	4D		NM_006547	NP_006538	10643	IMP3	IGFII mRNA binding protein 3
203825_at	4D		NM_007371	NP_031397	8019	BRD3	bromodomain containing 3
203827_at	4D		NM_017983	NP_060453	55062	WIP149	WD40 repeat protein Interacting with phosphoinosit
203831_at	4D		NM_014925	NP_055740	22864	KIAA1002	KIAA1002 protein
203832_at	4D		NM_003095	NP_003086	6636	SNRPF	small nuclear ribonucleoprotein polypeptide F
203835_at	4D		NM_005512	NP_005503	2615	GARP	glycoprotein A repetitions predominant
203840_at	4D		NM_003666	NP_003657	8548	BLZF1	basic leucine zipper nuclear factor 1 (JEM1)
203855_at	4D		NM_014969	NP_055784	22911	WDR47	WD repeat domain 47
203857_s_at	4D		NM_006810	NP_006801	10954	PDIR	for protein disulfide isomeraserelated
203868_s_at	4D		NM_001078	NP_001069	7412	VCAM1	vascular cell adhesion molecule 1
203871_at	4D		NM_015670	NP_056485	26168	SENP3	SUMO1/sentrin/SMT3 specific protease 3
203880_at	4D		NM_005694	NP_005685	10063	COX17	COX17 homolog, cytochrome c oxidase assembly prote
203885_at	4D		NM_014999	NP_055814	23011	RAB21	RAB21, member RAS oncogene family
203890_s_at	4D		NM_001348	NP_001339	1613	DAPK3	deathassociated protein kinase 3
203893_at	4D		NM_016283	NP_057367	6880	TAF9	TAF9 RNA polymerase II, TATA box binding protein (
203900_at	4D		NM_024547				

# APPENDIX D

203904_x_at	4D	NM_002231	NP_002222	3732	KAI1	kangai 1 (suppression of tumorigenicity 6, prostat
203910_at	4D	NM_004815	NP_004806	9411	PARG1	PTPL associated RhoGAP 1
203913_s_at	4D	NM_000860	NP_000851	3248	HPGD	hydroxyprostaglandin dehydrogenase 15(NAD)
203914_x_at	4D	NM_000860	NP_000851	3248	HPGD	hydroxyprostaglandin dehydrogenase 15(NAD)
203919_at	4D	NM_003195	NP_003186	6919	TCEA2	transcription elongation factor A (SII), 2
203921_at	4D	NM_004267	NP_004258	9435	CHST2	carbohydrate (Nacetylglucosamine6O) sulfotransfera
203926_x_at	4D	NM_001687	NP_001678	513	ATP5D	ATP synthase, H+ transporting, mitochondrial F1 co
203936_s_at	4D	NM_004994	NP_004985	4318	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa ge
203938_s_at	4D	NM_005679	NP_005670	9013	TAF1C	TATA box binding protein (TBP)associated factor, R
203943_at	4D	NM_004798	NP_004789	9371	KIF3B	kinesin family member 3B
203944_x_at	4D	NM_007049	NP_008980	11120	BTN2A1	butyrophilin, subfamily 2, member A1
203951_at	4D	NM_001299	NP_001290	1264	CNN1	calponin 1, basic, smooth muscle
203964_at	4D	NM_004688	NP_004679	9111	NMI	Nmyc (and STAT) interactor
203966_s_at	4D	NM_021003	NP_066283	5494	PPM1A	protein phosphatase 1A (formerly 2C), magnesiu
203968_s_at	4D	NM_001254	NP_001245	990	CDC6	CDC6 cell division cycle 6 homolog (S. cerevisiae)
203973_s_at	4D	NM_005195	NP_005186	1052	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta
203978_at	4D	NM_002484	NP_002475	4682	NUBP1	nucleotide binding protein 1 (Mind homolog, E. col
203981_s_at	4D	NM_020323	NP_064719	5826	ABCD4	ATPbinding cassette, subfamily D (ALD), member 4
204000_at	4D	NM_016194	NP_057278	10681	GNB5	guanine nucleotide binding protein (G protein), be
204004_at	4D	NM_002583	NP_002574	5074	PAWR	PRKC, apoptosis, WTL, regulator
204011_at	4D	NM_005842	NP_005833	10253	SPRY2	spouty homolog 2 (Drosophila)
204020_at	4D	NM_005859	NP_005850	5813	PURA	purinrich element binding protein A
204021_s_at	4D	NM_005859	NP_005850	5813	PURA	purinrich element binding protein A
204042_at	4D	NM_006646	NP_006637	10810	WASF3	WAS protein family, member 3
204053_x_at	4D	NM_000314	NP_000305	5728	PTEN	phosphatase and tensin homolog (mutated in multipl
204054_at	4D	NM_000314	NP_000305	5728	PTEN	phosphatase and tensin homolog (mutated in



# APPENDIX D

204062_s_at	4D	NM_014683	NP_055498	9706	ULK2	multipl
204063_s_at	4D	NM_014683	NP_055498	9706	ULK2	unc51like kinase 2 (C. elegans)
204069_at	4D	NM_002398	NP_002389	4211	MEIS1	unc51like kinase 2 (C. elegans)
204071_s_at	4D	NM_005802	NP_005793	10210	TOPORS	Meis1, myeloid ecotropic viral integration site 1
204075_s_at	4D	NM_014704	NP_055519	9731	KIAA0562	topoisomerase I binding, arginine/serine-rich
204087_s_at	4D	NM_021095	NP_066918	8884	SLC5A6	glycine, glutamate, thienylcyclohexylpiperidinebin
204097_s_at	4D	NM_016024	NP_057108	51634	RBMX2	solute carrier family 5 (sodiumdependent vitamin t
204098_at	4D	NM_016024	NP_057108	51634	RBMX2	RNA binding motif protein, Xlinked 2
204117_at	4D	NM_002726	NP_002717	5550	PREP	RNA binding motif protein, Xlinked 2
204125_at	4D	NM_016013	NP_057097	51103	NDUFAF1	prolyl endopeptidase
204127_at	4D	NM_002915	NP_002906	5983	RFC3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
204128_s_at	4D	NM_002915	NP_002906	5983	RFC3	replication factor C (activator 1) 3, 38kDa
204131_s_at	4D	NM_001455	NP_001446	2309	FOXO3A	replication factor C (activator 1) 3, 38kDa
204132_s_at	4D	NM_001455	NP_001446	2309	FOXO3A	forkhead box O3A
204140_at	4D	NM_003596	NP_003587	8460	TPST1	forkhead box O3A
204142_at	4D	NM_017512	NP_059982	55556	ENOSF1	tyrosylprotein sulfotransferase 1
204143_s_at	4D	NM_017512	NP_059982	55556	ENOSF1	enolase superfamily member 1
204147_s_at	4D	NM_007111	NP_009042	7027	TFDP1	enolase superfamily member 1
204162_at	4D	NM_006101	NP_006092	10403	KNTC2	transcription factor Dpl
204178_s_at	4D	NM_006328	NP_006319	10432	RBM14	kinetochore associated 2
204185_x_at	4D	NM_005038	NP_005029	5481	PPID	RNA binding motif protein 14
204186_s_at	4D	NM_005038	NP_005029	5481	PPID	peptidylprolyl isomerase D (cyclophilin D)
204194_at	4D	NM_001186	NP_001177	571	BACH1	peptidylprolyl isomerase D (cyclophilin D)
204204_at	4D	NM_001860	NP_001851	1318	SLC31A2	BTB and CNC homology 1, basic leucine zipper trans
204215_at	4D	NM_024315	NP_077291	79161	C7orf23	solute carrier family 31 (copper transporters), me
204235_s_at	4D	NM_016315	NP_057399	51454	GULP1	chromosome 7 open reading frame 23
204252_at	4D	NM_001798	NP_001789	1017	CDK2	GULP, engulfment adaptor PTB domain containing 1
204268_at	4D	NM_005978	NP_005969	6273	SI00A2	cyclindependent kinase 2
204269_at	4D	NM_006875	NP_006866	11040	PIM2	SI00 calcium binding protein A2
204290_s_at	4D	NM_005589	NP_005580	4329	ALDH6A1	pim2 oncogene
						aldehyde dehydrogenase 6 family, member A1

# APPENDIX D

204310_s_at	4D	NM_003995	NP_003986	4882	NPR2	natriuretic peptide receptor B/guanylate cyclase B
204326_x_at	4D	NM_002450				
204327_s_at	4D	NM_003455	NP_003446	7753	ZNF202	zinc finger protein 202
204345_at	4D	NM_001856	NP_001847	1307	COL16A1	collagen, type XVI, alpha 1
204351_at	4D	NM_005980	NP_005971	6286	S100P	S100 calcium binding protein P
204352_at	4D	NM_004619	NP_004610	7188	TRAF5	TNF receptor-associated factor 5
204366_s_at	4D	NM_001521	NP_001512	2976	GTF3C2	general transcription factor IIIc, polypeptide 2,
204370_at	4D	NM_006831	NP_006822	10978	HEAB	ATP/GTP-binding protein
204372_s_at	4D	NM_003685	NP_003676	8570	KHSRP	KH-type splicing regulatory protein (FUSE binding p
204376_at	4D	NM_014703	NP_055518	9730	VprBP	Vpr-binding protein
204378_at	4D	NM_003657	NP_003648	8537	BCAS1	breast carcinoma amplified sequence 1
204379_s_at	4D	NM_000142	NP_000133	2261	FGFR3	fibroblast growth factor receptor 3 (achondroplasi
204387_x_at	4D	NM_024026	NP_076931	78988	MRP63	mitochondrial ribosomal protein 63
204396_s_at	4D	NM_005308	NP_005299	2869	GRK5	G protein-coupled receptor kinase 5
204398_s_at	4D	NM_012155	NP_036287	24139	EML2	echinoderm microtubule associated protein like 2
204412_s_at	4D	NM_021076	NP_066554	4744	NEFH	neurofilament, heavy polypeptide 200kDa
204416_x_at	4D	NM_001645	NP_001636	341	APOC1	apolipoprotein C1
204423_at	4D	NM_013255	NP_037387	4289	MKLN1	muskelin 1, intracellular mediator containing kele
204435_at	4D	NM_014778				
204436_at	4D	NM_025201	NP_079477	80301	pp9099	PH domain-containing protein
204445_s_at	4D	NM_000698	NP_000689	240	ALOX5	arachidonate 5-lipoxygenase
204450_x_at	4D	NM_000039	NP_000030	335	APOA1	apolipoprotein A1
204481_at	4D	NM_004634	NP_004625	7862	BRPF1	bromodomain and PHD finger containing, 1
204483_at	4D	NM_001976	NP_001967	2027	ENO3	enolase 3 (beta, muscle)
204488_at	4D	NM_014908	NP_055723	22845	TMEM15	transmembrane protein 15
204493_at	4D	NM_001196	NP_001187	637	BID	BH3 interacting domain death agonist
204507_s_at	4D	NM_000945	NP_000936	5534	PPP3R1	protein phosphatase 3 (formerly 2B), regulatory su
204510_at	4D	NM_003503	NP_003494	8317	CDC7	CDC7 cell division cycle 7 (S. cerevisiae)
204526_s_at	4D	NM_007063	NP_008994	11138	TBC1D8	TBC1 domain family, member 8 (with GRAM domain)
204527_at	4D	NM_000259	NP_000250	4644	MYO5A	myosin VA (heavy polypeptide 12, myoxin)
204531_s_at	4D	NM_007295	NP_009226	672	BRCA1	breast cancer 1, early onset
204538_x_at	4D	NM_006985	NP_008916	9284	NPIP	nuclear pore complex interacting protein

# APPENDIX D

204540_at	4D	NM_001958	NP_001949	1917	EEF1A2	eukaryotic translation elongation factor 1 alpha 2
204544_at	4D	NM_007216	NP_009147	11234	HPS5	Hermansky-Pudlak syndrome 5
204554_at	4D	NM_006242	NP_006233	5509	PPP1R3D	protein phosphatase 1, regulatory subunit 3D
204555_s_at	4D	NM_006242	NP_006233	5509	PPP1R3D	protein phosphatase 1, regulatory subunit 3D
204560_at	4D	NM_004117	NP_004108	2289	FKBP5	FK506 binding protein 5
204568_at	4D	NM_014924	NP_055739	22863	KIAA0831	KIAA0831
204571_x_at	4D	NM_006223	NP_006214	5303	PNP4	protein (peptidyl)prolyl cis/trans isomerase) NIMA1
204602_at	4D	NM_012242	NP_036374	22943	DKK1	dickkopf homolog 1 (Xenopus laevis)
204617_s_at	4D	NM_022914	NP_075065	65057	ACD	adenocortical dysplasia homolog (mouse)
204622_x_at	4D	NM_006186	NP_006177	4929	NR4A2	nuclear receptor subfamily 4, group A, member 2
204630_s_at	4D	NM_004871	NP_004862	9527	GOSR1	golgi SNAP receptor complex member 1
204639_at	4D	NM_000022	NP_000013	100	ADA	adenosine deaminase
204668_at	4D	NM_007219	NP_009150	11237	RNF24	ring finger protein 24
204675_at	4D	NM_001047	NP_001038	6715	SRD5A1	steroid5alpha reductase, alpha polypeptide 1
204677_at	4D	NM_001795	NP_001786	1003	CDH5	cadherin 5, type 2, VEcadherin (vascular epithelium)
204700_x_at	4D	NM_014388	NP_055203	27042	MGC29875	hypothetical protein MGC29875
204713_s_at	4D	NM_000130	NP_000121	2153	F5	coagulation factor V (proaccelerin, labile factor)
204725_s_at	4D	NM_006153	NP_006144	4690	NCK1	NCK adaptor protein 1
204736_s_at	4D	NM_001897	NP_001888	1464	CSPG4	chondroitin sulfate proteoglycan 4 (melanomassoci)
204744_s_at	4D	NM_013417	NP_038203	3376	IARS	isoleucinetRNA synthetase
204748_at	4D	NM_000963	NP_000954	5743	PTGS2	prostaglandinendoperoxide synthase 2 (prostaglandi
204764_at	4D	NM_002028	NP_002019	2342	FNTB	farnesyltransferase, CAAX box, beta
204766_s_at	4D	NM_002452	NP_002443	4521	NUDT1	nudix (nucleoside diphosphate linked moiety X)type
204771_s_at	4D	NM_007344	NP_031370	7270	TTFI	transcription termination factor, RNA polymerase II
204774_at	4D	NM_014210	NP_055025	2123	EV12A	ecotropic viral integration site 2A
204780_s_at	4D	NM_000043	NP_000034	355	FAS	Fas (TNF receptor superfamily, member 6)
204781_s_at	4D	NM_000043	NP_000034	355	FAS	Fas (TNF receptor superfamily, member 6)
204793_at	4D	NM_014710	NP_055525	9737	GPRASP1	G proteincoupled receptor associated sorting prote
204800_s_at	4D	NM_024705	NP_078981	79758	FLJ13639	hypothetical protein FLJ13639
204805_s_at	4D	NM_006026	NP_006017	8971	H1FX	H1 histone family, member X

# APPENDIX D

204806_x_at	4D	NM_018950	NP_061823	3134	HLAF	major histocompatibility complex, class I, F
204838_s_at	4D	NM_014381	NP_055196	27030	MLH3	mutL homolog 3 (E. coli)
204839_at	4D	NM_015918	NP_057002	51367	POP5	processing of precursor 5, ribonuclease P/MRP subu
204840_s_at	4D	NM_003566	NP_003557	8411	EEA1	early endosome antigen 1, 162kD
204842_x_at	4D	NM_004157	NP_004148	5576	PRKAR2A	protein kinase, cAMPdependent, regulatory, type II
204860_s_at	4D	NM_004536	NP_004527	4671	BIRC1	baculoviral IAP repeatcontaining 1
204861_s_at	4D	NM_004536	NP_004527	4671	BIRC1	baculoviral IAP repeatcontaining 1
204868_at	4D	NM_001545	NP_001536	3396	ICT1	immature colon carcinoma transcript 1
204882_at	4D	NM_014882	NP_055697	9938	ARHGAP25	Rho GTPase activating protein 25
204884_s_at	4D	NM_004507	NP_004498	3364	HUS1	HUS1 checkpoint homolog (S. pombe)
204894_s_at	4D	NM_003734	NP_003725	8639	AOC3	amine oxidase, copper containing 3 (vascular adhes
204905_s_at	4D	NM_004280	NP_004271	9521	EEF1E1	eukaryotic translation elongation factor 1 epsilon
204917_s_at	4D	NM_004529	NP_004520	4300	MLLT3	myeloid/lymphoid or mixedlineage leukemia (trithor
204924_at	4D	NM_003264	NP_003255	7097	TLR2	tolllike receptor 2
204926_at	4D	NM_002192	NP_002183	3624	INHBA	inhibin, beta A (activin A, activin AB alpha polyp
204944_at	4D	NM_002841	NP_002832	5793	PTPRG	protein tyrosine phosphatase, receptor type, G
204949_at	4D	NM_002162	NP_002153	3385	ICAM3	intercellular adhesion molecule 3
204957_at	4D	NM_002553	NP_002544	5001	ORC5L	origin recognition complex, subunit 5like (yeast)
204958_at	4D	NM_004073	NP_004064	1263	PLK3	pololike kinase 3 (Drosophila)
204959_at	4D	NM_002432	NP_002423	4332	MNDA	myeloid cell nuclear differentiation antigen
204961_s_at	4D	NM_000265	NP_000256	4687	NCF1	neutrophil cytosolic factor 1 (47kDa, chronic gran
204980_at	4D	NM_004898	NP_004889	9575	CLOCK	clock homolog (mouse)
204989_s_at	4D	NM_000213	NP_000204	3691	ITGB4	integrin, beta 4
204996_s_at	4D	NM_003885	NP_003876	8851	CDK5R1	cyclindependent kinase 5, regulatory subunit 1 (p3
205005_s_at	4D	NM_004808	NP_004799	9397	NMT2	Nmyristoyltransferase 2
205006_s_at	4D	NM_004808	NP_004799	9397	NMT2	Nmyristoyltransferase 2
205009_at	4D	NM_003225	NP_003216	7031	TFPI	trefoil factor 1 (breast cancer, estrogeninducible
205015_s_at	4D	NM_003236	NP_003227	7039	TGFA	transforming growth factor, alpha
205016_at	4D	NM_003236	NP_003227	7039	TGFA	transforming growth factor, alpha
205034_at	4D	NM_004702	NP_004693	9134	CCNE2	cyclin E2
205036_at	4D	NM_007080	NP_009011	11157	LSM6	LSM6 homolog, U6 small nuclear RNA associated

# APPENDIX D

205042_at	4D	NM_005476	NP_005467	10020	GENE	(S. glucosamine (UDP/Nacetyl)2epimerase/Nacetylmannosam
205048_s_at	4D	NM_003832				
205051_s_at	4D	NM_000222	NP_000213	3815	KIT	vk1t Hardy/Zuckerman 4 feline sarcoma viral oncogen
205053_at	4D	NM_000946	NP_000937	5557	PRIM1	primase, polypeptide 1, 49kDa
205062_x_at	4D	NM_002892	NP_002883	5926	ARID4A	AT rich interactive domain 4A (RBP1like)
205067_at	4D	NM_000576	NP_000567	3553	IL1B	interleukin 1, beta
205090_s_at	4D	NM_016256	NP_057340	51172	NAGPA	Nacetylglucosamine 1phosphodiester alphasNacetylgluc
205097_at	4D	NM_000112	NP_000103	1836	SLC26A2	solute carrier family 26 (sulfate transporter), me
205104_at	4D	NM_014723	NP_055538	9751	SNPH	synthaphilin
205119_s_at	4D	NM_002029	NP_002020	2357	FPR1	formyl peptide receptor 1
205121_at	4D	NM_000232	NP_000223	6443	SGCB	sarcoglycan, beta (43kDa dystrophinassociated glyc
205133_s_at	4D	NM_002157	NP_002148	3336	HSPF1	heat shock 10kDa protein 1 (chaperonin 10)
205139_s_at	4D	NM_005715	NP_005706	10090	UST	uronyl2sulfotransferase
205144_at	4D	NM_032219	NP_115595	84179	FLJ22269	hypothetical protein FLJ22269
205149_s_at	4D	NM_001830	NP_001821	1183	CLCN4	chloride channel 4
205154_at	4D	NM_006338	NP_006329	10446	LRRN5	leucine rich repeat neuronal 5
205173_x_at	4D	NM_001779	NP_001770	965	CD58	CD58 antigen, (lymphocyte functionassociated antig
205179_s_at	4D	NM_001109	NP_001100	101	ADAM8	a disintegrin and metalloproteinase domain 8
205191_at	4D	NM_006915	NP_008846	6102	RP2	retinitis pigmentosa 2 (Xlinked recessive)
205193_at	4D	NM_012323	NP_036455	23764	MAFF	vmaf musculoaponeurotic fibrosarcoma oncogene homo
205194_at	4D	NM_004577	NP_004568	5723	PSPH	phosphoserine phosphatase
205205_at	4D	NM_006509	NP_006500	5971	RELB	vrel reticuloendotheliosis viral oncogene homolog
205214_at	4D	NM_004226	NP_004217	9262	STK17B	serine/threonine kinase 17b (apoptosisinducing)
205216_s_at	4D	NM_000042	NP_000033	350	APOH	apolipoprotein H (beta2glycoprotein 1)
205218_at	4D	NM_006466	NP_006457	10621	POLR3F	polymetase (RNA) III (DNA directed) polypeptide F,
205221_at	4D	NM_000187	NP_000178	3081	HGD	homogentisate 1,2dioxxygenase (homogentisate oxidas

# APPENDIX D

205222_at	4D	NM_001966	NP_001957	1962	EHHADH	enoylCoenzyme A, hydratase/3-hydroxyacyl Coenzyme A
205227_at	4D	NM_002182	NP_002173	3556	IL1RAP	interleukin 1 receptor accessory protein
205248_at	4D	NM_005128	NP_005119	9980	C21orf5	chromosome 21 open reading frame 5
205279_s_at	4D	NM_000824	NP_000815	2743	GLRB	glycine receptor, beta
205285_s_at	4D	NM_001465	NP_001456	2533	FYB	FYN binding protein (FYB120/130)
205286_at	4D	NM_003222	NP_003213	7022	TFAP2C	transcription factor AP2, gamma (activating enhance
205296_at	4D	NM_183404	NP_899662	5933	RBL1	retinoblastomalike 1 (p107)
205310_at	4D	NM_012066				
205317_s_at	4D	NM_021082	NP_066568	6565	SLC15A2	solute carrier family 15 (H <sup>+</sup> /peptide transporter),
205318_at	4D	NM_004984	NP_004975	3798	KIF5A	kinesin family member 5A
205327_s_at	4D	NM_001616	NP_001607	92	ACVR2	activin A receptor, type II
205329_s_at	4D	NM_003794	NP_003785	8723	SNX4	sorting nexin 4
205340_at	4D	NM_014797	NP_055612	9841	ZBTB24	zinc finger and BTB domain containing 24
205346_at	4D	NM_006927	NP_008858	6483	ST3GAL2	ST3 betagalactoside alpha2,3-sialyltransferase 2
205347_s_at	4D	NM_021992	NP_068832	11013	TMSNB	thymosin, beta, identified in neuroblastoma cells
205358_at	4D	NM_000826	NP_000817	2891	GRIA2	glutamate receptor, ionotropic, AMPA 2
205371_s_at	4D	NM_001918	NP_001909	1629	DBT	dihydrodiploamide branched chain transacylase E2
205374_at	4D	NM_003063	NP_003054	6588	SLN	sarcosin
205384_at	4D	NM_005031	NP_005022	5348	FXYPD1	FXYPD domain containing ion transport regulator 1
205403_at	4D	NM_004633	NP_004624	7850	IL1R2	interleukin 1 receptor, type II
205406_s_at	4D	NM_017425	NP_059121	53340	SPA17	sperm autoantigenic protein 17
205414_s_at	4D	NM_014859	NP_055674	9912	KIAA0672	KIAA0672 gene product
205422_s_at	4D	NM_004791	NP_004782	9358	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)
205423_at	4D	NM_001127	NP_001118	162	AP1B1	adaptor-related protein complex 1, beta 1 subunit
205433_at	4D	NM_000055	NP_000046	590	BCHE	butyrylcholinesterase
205436_s_at	4D	NM_002105	NP_002096	3014	H2AFX	H2A histone family, member X
205438_at	4D	NM_007039	NP_008970	11099	PTPN21	protein tyrosine phosphatase, nonreceptor type 21
205441_at	4D	NM_024578	NP_078854	79629	FLJ22709	hypothetical protein FLJ22709
205442_at	4D	NM_021647	NP_067679	9848	MFAP3L	microfibrillar-associated protein 3like
205481_at	4D	NM_000674	NP_000665	134	ADORA1	adenosine A1 receptor
205482_x_at	4D	NM_013306	NP_037438	29907	SNX15	sorting nexin 15



# APPENDIX D

205496_at	4D	NM_014702	NP_055517	9729	KIAA0408	KIAA0408
205506_at	4D	NM_007127	NP_009058	7429	VIL1	villin 1
205513_at	4D	NM_001062	NP_001053	6947	TCN1	transcobalamin I (vitamin B12 binding protein, R b
205523_at	4D	NM_001884	NP_001875	1404	HAPLN1	hyaluronan and proteoglycan link protein 1
205532_s_at	4D	NM_004932	NP_004923	1004	CDH6	cadherin 6, type 2, Kcadherin (fetal kidney)
205541_s_at	4D	NM_018094	NP_060564	23708	GSP12	G1 to S phase transition 2
205554_s_at	4D	NM_004944	NP_004935	1776	DNASE1L3	deoxyribonuclease III-like 3
205558_at	4D	NM_004620	NP_004611	7189	TRAF6	TNF receptor-associated factor 6
205562_at	4D	NM_006414	NP_006405	10557	RPP38	ribonuclease P/MRP 38kDa subunit
205565_s_at	4D	NM_000144	NP_000135	2395	FXN	frataxin
205567_at	4D	NM_003654	NP_003645	8534	CHST1	carbohydrate (keratan sulfate Gal6) sulfotransfera
205569_at	4D	NM_014398	NP_055213	27074	LAMP3	lysosomal-associated membrane protein 3
205588_s_at	4D	NM_007045	NP_008976	11116	FGFR1OP	FGFR1 oncogene partner
205598_at	4D	NM_005879	NP_005870	10293	TRIP	TRAF interacting protein
205600_x_at	4D	NM_002147	NP_002138	3215	HOXB5	homeo box B5
205612_at	4D	NM_007351	NP_031377	22915	MMRN1	mutimerin 1
205627_at	4D	NM_001785	NP_001776	978	CDA	cytidine deaminase
205642_at	4D	NM_007018	NP_008949	11064	CEP1	centrosomal protein 1
205644_s_at	4D	NM_003096	NP_003087	6637	SNRPG	small nuclear ribonucleoprotein polypeptide G
205654_at	4D	NM_000715	NP_000706	722	C4BPA	complement component 4 binding protein, alpha
205671_s_at	4D	NM_002120	NP_002111	3112	HLADOB	major histocompatibility complex, class II, DO bet
205681_at	4D	NM_004049	NP_004040	597	BCL2A1	BCL2-related protein A1
205690_s_at	4D	NM_003910	NP_003901	8896	G10	maternal G10 transcript
205698_s_at	4D	NM_002758	NP_002749	5608	MAP2K6	mitogen-activated protein kinase kinase 6
205707_at	4D	NM_014339	NP_055154	23765	IL17R	interleukin 17 receptor
205715_at	4D	NM_004334	NP_004325	683	BST1	bone marrow stromal cell antigen 1
205720_at	4D	NM_000939	NP_000930	5443	POMC	proopiomelanocortin (adrenocorticotropin/ betaipo
205723_at	4D	NM_001842	NP_001833	1271	CNTFR	ciliary neurotrophic factor receptor
205729_at	4D	NM_003999	NP_003990	9180	OSMR	oncostatin M receptor
205750_at	4D	NM_004332	NP_004323	670	BPHL	biphenyl hydrolase-like (serine hydrolase; breast e
205756_s_at	4D	NM_000132	NP_000123	2157	F8	coagulation factor VIII, procogulant component

# APPENDIX D

205763_s_at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
205774_at	4D	NM_000505	NP_000496	2161	FI2	coagulation factor XII (Hageman factor)
205779_at	4D	NM_005854	NP_005845	10266	RAMP2	receptor (calcitonin) activity modifying protein 2
205793_x_at	4D	NM_003985	NP_003976	8711	TNK1	tyrosine kinase, nonreceptor, 1
205804_s_at	4D	NM_025228	NP_079504	80342	T3IAM	TRAF3interacting Jun Nterminal kinase (JNK)activat
205807_s_at	4D	NM_020127	NP_064512	7286	TUFT1	tuffelin 1
205811_at	4D	NM_007215	NP_009146	11232	POLG2	polymetase (DNA directed), gamma 2, accessory subu
205857_at	4D	NM_003054	NP_003045	6571	SLC18A2	solute carrier family 18 (vesicular monoamine), me
205864_at	4D	NM_004173	NP_004164	6545	SLC7A4	solute carrier family 7 (cationic amino acid trans
205865_at	4D	NM_005224	NP_005215	1820	ARID3A	AT rich interactive domain 3A (BRIGHT like)
205876_at	4D	NM_002310	NP_002301	3977	LIFR	leukemia inhibitory factor receptor
205888_s_at	4D	NM_014790	NP_055605	9832	KIAA0555	Jak and microtubule interacting protein 2
205901_at	4D	NM_006228	NP_006219	5368	PNOC	prepronociceptin
205920_at	4D	NM_003043	NP_003034	6533	SLC6A6	solute carrier family 6 (neurotransmitter transpor
205921_s_at	4D	NM_003043	NP_003034	6533	SLC6A6	solute carrier family 6 (neurotransmitter transpor
205922_at	4D	NM_004665	NP_004656	8875	VNN2	vanin 2
205950_s_at	4D	NM_001738	NP_001729	759	CA1	carbonic anhydrase I
205957_at	4D	NM_005393	NP_005384	5365	PLXNB3	plexin B3
205960_at	4D	NM_002612	NP_002603	5166	PDK4	pyruvate dehydrogenase kinase, isoenzyme 4
205963_s_at	4D	NM_005147	NP_005138	9093	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3
205965_at	4D	NM_006399	NP_006390	10538	BATF	basic leucine zipper transcription factor, ATFlike
205967_at	4D	NM_003542	NP_003533	8364	HIST1H4C	histone 1, H4c
205978_at	4D	NM_004795	NP_004786	9365	KL	klotho
205987_at	4D	NM_001765	NP_001756	911	CD1C	CD1C antigen, c polypeptide
205993_s_at	4D	NM_005994	NP_005985	6909	TBX2	Tbox 2
205994_at	4D	NM_001973	NP_001964	2005	ELK4	ELK4, ETSdomain protein (SRF accessory protein 1)
206003_at	4D	NM_014645				
206030_at	4D	NM_000049	NP_000040	443	ASPA	aspartoacylase (aminoacylase 2, Canavan disease)
206039_at	4D	NM_004794	NP_004785	9363	RAB33A	RAB33A, member RAS oncogene family
206045_s_at	4D	NM_003787	NP_003778	8715	NOL4	nucleolar protein 4
206049_at	4D	NM_003005	NP_002996	6403	SELP	selectin P (granule membrane protein 140kDa,

# APPENDIX D

206053_at	4D	NM_014930	NP_055745	22869	ZNF510	anti
206055_s_at	4D	NM_003090	NP_003081	6627	SNRPA1	zinc finger protein 510
206066_s_at	4D	NM_002876	NP_002867	5889	RAD51C	small nuclear ribonucleoprotein polypeptide A'
206072_at	4D	NM_003353	NP_003344	7349	UCN	RAD51 homolog C (S. cerevisiae)
206074_s_at	4D	NM_002131	NP_002122	3159	HMGAI	urocortin
206089_at	4D	NM_006157	NP_006148	4745	NEL.L1	high mobility group AThook 1
206097_at	4D	NM_007105	NP_009036	5003	SLC22A1LS	NEL-like 1 (chicken)
206103_at	4D	NM_005052	NP_005043	5881	RAC3	solute carrier family 22 (organic cation transport
206110_at	4D	NM_003536	NP_003527	8357	HIST1H3H	rasrelated C3 botulinum toxin substrate 3 (rho fam
206114_at	4D	NM_004438	NP_004429	2043	EPHA4	histone H3h
206115_at	4D	NM_004430	NP_004421	1960	EGR3	EPH receptor A4
206129_s_at	4D	NM_000046	NP_000037	411	ARSB	early growth response 3
206136_at	4D	NM_003468	NP_003459	7855	FZD5	arylsulfatase B
206140_at	4D	NM_004789	NP_004780	9355	LHX2	frizzled homolog 5 (Drosophila)
206157_at	4D	NM_002852	NP_002843	5806	PTX3	LIM homeobox 2
206170_at	4D	NM_000024	NP_000015	154	ADRB2	pentaxinrelated gene, rapidly induced by IL1 beta
206177_s_at	4D	NM_000045	NP_000036	383	ARG1	adrenergic, beta2, receptor, surface
206185_at	4D	NM_001887	NP_001878	1414	CRYBB1	arginase, liver
206189_at	4D	NM_003728	NP_003719	8633	UNC5C	crystallin, beta B1
206205_at	4D	NM_022782	NP_073619	10198	MPHOSPH9	unc5 homolog C (C. elegans)
206208_at	4D	NM_000717	NP_000708	762	CA4	Mphase phosphoprotein 9
206209_s_at	4D	NM_000717	NP_000708	762	CA4	carbonic anhydrase IV
206222_at	4D	NM_003841	NP_003832	8794	TNFRSF10C	carbonic anhydrase IV
206229_x_at	4D	NM_003988	NP_003979	5076	PAX2	carbonic anhydrase IV
206236_at	4D	NM_005282	NP_005273	2828	GPR4	tumor necrosis factor receptor superfamily, member
206238_s_at	4D	NM_005748	NP_005739	10138	YAF2	paired box gene 2
206250_x_at	4D	NM_000706	NP_000697	552	AVPR1A	G proteincoupled receptor 4
206286_s_at	4D	NM_003212	NP_003203	6997	TDGF1	YY1 associated factor 2
206296_x_at	4D	NM_007181	NP_009112	11184	MAP4K1	arginine vasopressin receptor 1A
206306_at	4D	NM_001036	NP_001027	6263	RYR3	teratocarcinomadervived growth factor 1
206336_at	4D	NM_002993	NP_002984	6372	CXCL6	mitogenactivated protein kinase kinase kinase kina
						ryanodine receptor 3
						chemokine (CXC motif) ligand 6 (granulocyte
						chemot

# APPENDIX D

206342_x_at	4D	NM_006123	NP_006114	3423	IDS	iduronate 2sulfatase (Hunter syndrome)
206350_at	4D	NM_001639	NP_001630	325	APCS	amyloid P component, serum
206359_at	4D	NM_003955	NP_003946	9021	SODCS3	suppressor of cytokine signaling 3
206365_at	4D	NM_002995	NP_002986	6375	XCL1	chemokine (C motif) ligand 1
206372_at	4D	NM_002469	NP_002460	4618	MYF6	myogenic factor 6 (herculin)
206382_s_at	4D	NM_001709	NP_001700	627	BDNF	brainderived neurotrophic factor
206386_at	4D	NM_000354	NP_000345	6906	SERPINA7	serine (or cysteine) proteinase inhibitor, clade A
206389_s_at	4D	NM_000921	NP_000912	5139	PDE3A	phosphodiesterase 3A, cGMPinhibited
206392_s_at	4D	NM_002888	NP_002879	5918	RARRES1	retinoic acid receptor responder (tazarotene induc
206398_s_at	4D	NM_001770	NP_001761	930	CD19	CD19 antigen
206405_x_at	4D	NM_004505	NP_004496	9098	USP6	ubiquitin specific protease 6 (Trez oncogene)
206414_s_at	4D	NM_003887	NP_003878	8853	DDEF2	development and differentiation enhancing factor
206417_at	4D	NM_000087	NP_000078	1259	CNGA1	2
206427_s_at	4D	NM_005511	NP_005502	2315	MLANA	cyclic nucleotide gated channel alpha 1 melanA
206429_at	4D	NM_005242	NP_005233	2150	F2RL1	coagulation factor II (thrombin) receptorlike 1
206440_at	4D	NM_004664	NP_004655	8825	LIN7A	lin7 homolog A (C. elegans)
206454_s_at	4D	NM_000539	NP_000530	6010	RHO	rhodopsin (opsin 2, rod pigment) (retinitis pigmen
206462_s_at	4D	NM_002530	NP_002521	4916	NTRK3	neurotrophic tyrosine kinase, receptor, type 3
206472_s_at	4D	NM_005078	NP_005069	7090	TLE3	transducinlike enhancer of split 3 (E(sp1) homolog
206481_s_at	4D	NM_001290	NP_001281	9079	LDB2	LIM domain binding 2
206495_s_at	4D	NM_015517	NP_056332	25988	MIZF	MBD2 (methylCpGbinding protein)interacting zinc fi
206498_at	4D	NM_000275	NP_000266	4948	OCA2	oculocutaneous albinism II (pinkeye dilution homol
206511_s_at	4D	NM_016932	NP_058628	10736	SIX2	sine oculis homeobox homolog 2 (Drosophila)
206522_at	4D	NM_004668	NP_004659	8972	MGAM	malaseglucoamylase (aphlaglucosidase)
206527_at	4D	NM_000663	NP_000654	18	ABAT	4aminobutyrate aminotransferase
206532_at	4D	NM_003073	NP_003064	6598	SMARCB1	SWI/SNF related, matrix associated, actin dependen
206550_s_at	4D	NM_004298	NP_004289	9631	NUP155	nucleoporin 155kDa
206565_x_at	4D	NM_006780	NP_006771	10571	SMA3	SMA3
206571_s_at	4D	NM_004834	NP_004825	9448	MAP4K4	mitogenactivated protein kinase kinase kinase kina
206578_at	4D	NM_004387	NP_004378	1482	NKX25	NK2 transcription factor related, locus 5 (Drosoph
206583_at	4D	NM_017776	NP_060246	55634	FLJ20344	hypothetical protein FLJ20344

# APPENDIX D

206584_at	4D	NM_015364	NP_056179	23643	LY96	lymphocyte antigen 96
206604_at	4D	NM_004561	NP_004552	5017	OVOL1	ovoline 1(Drosophila)
206618_at	4D	NM_003855	NP_003846	8809	IL18R1	interleukin 18 receptor 1
206629_at	4D	NM_014694	NP_055509	9719	ADAMTSL2	ADAMTSLike 2
206632_s_at	4D	NM_004900	NP_004891	9582	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic po
206638_at	4D	NM_000867	NP_000858	3357	HTR2B	5hydroxytryptamine (serotonin) receptor 2B
206652_at	4D	NM_016384				
206656_s_at	4D	NM_020531	NP_065392	57136	C20orf3	chromosome 20 open reading frame 3
206659_at	4D	NM_025024				
206688_s_at	4D	NM_006693	NP_006684	10898	CPSF4	cleavage and polyadenylation specific factor 4, 30
206689_x_at	4D	NM_006388	NP_006379	10524	HTATIP	HIV1 Tat interacting protein, 60kDa
206701_x_at	4D	NM_003991	NP_003982	1910	EDNRB	endothelin receptor type B
206707_x_at	4D	NM_015864	NP_056948	9750	C6orf32	chromosome 6 open reading frame 32
206710_s_at	4D	NM_012307	NP_036439	23136	EPB41L3	erythrocyte membrane protein band 4.1like 3
206712_at	4D	NM_024719	NP_078995	79774	GRTPI	growth hormone regulated TBC protein 1
206734_at	4D	NM_003772	NP_003763	8690	JRKL	jerky homologlike (mouse)
206735_at	4D	NM_000744	NP_000735	1137	CHRNA4	cholinergic receptor, nicotinic, alpha polypeptide
206739_at	4D	NM_018953	NP_061826	3222	HOXC5	homeo box C5
206748_s_at	4D	NM_003971	NP_003962	9043	SPAG9	sperm associated antigen 9
206762_at	4D	NM_002234	NP_002225	3741	KCNA5	potassium voltagegated channel, shakerrelated subf
206769_at	4D	NM_004202	NP_004193	9087	TMSB4Y	thymosin, beta 4, Ylinked
206776_x_at	4D	NM_001612	NP_001603	56	ACRV1	acrosomal vesicle protein 1
206785_s_at	4D	NM_002260	NP_002251	3822	KLRC2	killer cell lectinlike receptor subfamily C, membe
206794_at	4D	NM_005235	NP_005226	2066	ERBB4	verba erythroblastic leukemia viral oncogene homol
206796_at	4D	NM_003882	NP_003873	8840	WISP1	WNT1 inducible signaling pathway protein 1
206803_at	4D	NM_024411	NP_077722	5173	PDYN	prodynorphin
206809_s_at	4D	NM_005758				
206816_s_at	4D	NM_012436	NP_036568	26206	SPAG8	sperm associated antigen 8
206826_at	4D	NM_002677	NP_002668	5375	PMP2	peripheral myelin protein 2
206829_x_at	4D	NM_025189	NP_079465	80264	ZNF430	zinc finger protein 430
206830_at	4D	NM_022058	NP_071341	57282	SLC4A10	solute carrier family 4, sodium bicarbonate transp

# APPENDIX D

206832_s_at	4D	NM_004186	NP_004177	6405	SEMA3F	sema domain, immunoglobulin domain (Ig), short bas
206840_at	4D	NM_001133	NP_001124	173	AFM	afamin
206841_at	4D	NM_006205	NP_006196	5149	PDE6H	phosphodiesterase 6H, cGMPspecific, cone, gamma
206844_at	4D	NM_003837	NP_003828	8789	FBP2	fructose 1,6bisphosphatase 2
206848_at	4D	NM_006896	NP_008827	3204	HOXA7	homeo box A7
206860_s_at	4D	NM_019005	NP_061878	54468	FLJ20323	hypothetical protein FLJ20323
206864_s_at	4D	NM_003806	NP_003797	8739	HRK	harakiri, BCL2 interacting protein (contains only
206866_at	4D	NM_001794	NP_001785	1002	CDH4	cadherin 4, type I, Rcadherin (retinal)
206875_s_at	4D	NM_014720	NP_055535	9748	SLK	STE20like kinase (yeast)
206877_at	4D	NM_002357	NP_002348	4084	MXD1	MAX dimerization protein 1
206893_at	4D	NM_002968	NP_002959	6299	SALL1	salilike 1 (Drosophila)
206911_at	4D	NM_005082	NP_005073	7706	TRIM25	tripartite motifcontaining 25
206914_at	4D	NM_019604	NP_062550	56253	CRTAM	classl MHCrestricted T cell associated molecule
206920_s_at	4D	NM_001499	NP_001490	2733	GLE1L	GLE1 RNA export mediatorlike (yeast)
206923_at	4D	NM_002737	NP_002728	5578	PRKCA	protein kinase C, alpha
206941_x_at	4D	NM_012431	NP_036563	9723	SEMA3E	sema domain, immunoglobulin domain (Ig), short bas
206942_s_at	4D	NM_002674	NP_002665	5367	PMCH	promelanineconcentrating hormone
206949_s_at	4D	NM_014328	NP_055143	23623	RUSC1	RUN and SH3 domain containing 1
206952_at	4D	NM_000151	NP_000142	2538	G6PC	glucose6phosphatase, catalytic (glycogen storage d
206970_at	4D	NM_005076	NP_005067	6900	CNTN2	contactin 2 (axonal)
206973_at	4D	NM_003625	NP_003616	8499	PPF1A2	protein tyrosine phosphatase, receptor type, f pol
206983_at	4D	NM_004367	NP_004358	1235	CCR6	chemokine (CC motif) receptor 6
206995_x_at	4D	NM_003693	NP_003684	8578	SCARF1	scavenger receptor class F, member 1
207001_x_at	4D	NM_004089	NP_004080	1831	DSIP1	delta sleep inducing peptide, immunoreactor
207006_s_at	4D	NM_013301	NP_037433	29903	HSU79303	protein predicted by clone 23882
207010_at	4D	NM_000812	NP_000803	2560	GABRB1	gammaaminobutyric acid (GABA) A receptor, beta 1
207018_s_at	4D	NM_004163	NP_004154	5874	RAB27B	RAB27B, member RAS oncogene family
207021_at	4D	NM_007009	NP_008940	11055	ZPBP	zona pellucida binding protein
207028_at	4D	NM_006316				
207036_x_at	4D	NM_000836	NP_000827	2906	GRIN2D	glutamate receptor, ionotropic, Nimethyl



# APPENDIX D

207041_at	4D	NM_006610	NP_006601	10747	MASP2	Daspartate
207055_at	4D	NM_004767	NP_004758	9283	GPR37L1	mannanbinding lectin serine protease 2
207064_s_at	4D	NM_009590	NP_033720	314	AOC2	Gprotein coupled receptor 37 like 1
207072_at	4D	NM_003853	NP_003844	8807	IL18RAP	amine oxidase, copper containing 2 (retinaspecific
207096_at	4D	NM_006512	NP_006503	6291	SAA4	interleukin 18 receptor accessory protein
207097_s_at	4D	NM_005835	NP_005826	10246	SLC17A2	serum amyloid A4, constitutive
207122_x_at	4D	NM_001054	NP_001045	6799	SULT1A2	solute carrier family 17 (sodium phosphate), membe
207152_at	4D	NM_006180	NP_006171	4915	NTRK2	sulfotransferase family, cytosolic, 1A, phenolpref
207158_at	4D	NM_001644	NP_001635	339	APOBEC1	neurotrophic tyrosine kinase, receptor, type 2
207167_at	4D	NM_004258	NP_004249	9398	IGSF2	apolipoprotein B mRNA editing enzyme, catalytic po
207186_s_at	4D	NM_004459	NP_004450	2186	FALZ	immunoglobulin superfamily, member 2
207205_at	4D	NM_001817	NP_001808	1089	CEACAM4	fetal Alzheimer antigen
207206_s_at	4D	NM_000697	NP_000688	239	ALOX12	carcinoembryonic antigenrelated cell adhesion mole
207225_at	4D	NM_001088	NP_001079	15	AANAT	arachidonate 12lipoxigenase
207231_at	4D	NM_014648	NP_055463	9666	DZIP3	arylalkylamine Nacetyltransferase
207251_at	4D	NM_005925	NP_005916	4225	MEP1B	zinc finger DAZ interacting protein 3
207253_s_at	4D	NM_016936	NP_058632	29855	UBN1	meprin A, beta
207254_at	4D	NM_005073	NP_005064	6564	SLC15A1	ubiquitin 1
207279_s_at	4D	NM_016365				solute carrier family 15 (oligopeptide transporter
207286_at	4D	NM_025009	NP_079285	9662	KIAA0635	
207289_at	4D	NM_004142	NP_004133	4328	MMPL1	KIAA0635
207307_at	4D	NM_000868	NP_000859	3358	HTR2C	matrix metalloproteinaselike 1
207325_x_at	4D	NM_004988	NP_004979	4100	MAGEA1	5hydroxytryptamine (serotonin) receptor 2C
207334_s_at	4D	NM_003242	NP_003233	7048	TGFB2	melanoma antigen family A, 1 (directs expression
207364_at	4D	NM_001586	NP_001577	1527	CXorf2	0
207383_s_at	4D	NM_003961	NP_003952	9028	RHBDL1	transforming growth factor, beta receptor II (70/8
207389_at	4D	NM_000173	NP_000164	2811	GP1BA	chromosome X open reading frame 2
207397_s_at	4D	NM_000523	NP_000514	3239	HOXD13	rhomboid, veinletlike 1 (Drosophila)
207414_s_at	4D	NM_002570	NP_002561	5046	PCSK6	glycoprotein Ib (platelet), alpha polypeptide
207421_at	4D	NM_001739	NP_001730	763	CA5A	homeo box D13
						proprotein convertase subtilisin/kexin type 6
						carbonic anhydrase VA, mitochondrial

# APPENDIX D

207429_at	4D	NM_003058	NP_003049	6582	SLC22A2	solute carrier family 22 (organic cation transport
207439_s_at	4D	NM_005660	NP_005651	7355	SLC35A2	solute carrier family 35 (UDPGalactose transporter
207445_s_at	4D	NM_006641	NP_006632	10803	CCR9	chemokine (CC motif) receptor 9
207459_x_at	4D	NM_002100	NP_002091	2994	GYPB	glycophorin B (includes Ss blood group)
207466_at	4D	NM_015973	NP_057057	51083	GAL	galanin
207470_at	4D	NM_017535	NP_060005	54744	DKFZp566H082	hypothetical protein DKFZp566H0824
207473_at	4D	NM_002418	NP_002409	4295	MLN	motilin
207483_s_at	4D	NM_018448	NP_060918	55832	TTP120A	TBPIinteracting protein
207510_at	4D	NM_000710	NP_000701	623	BDKRB1	bradykinin receptor B1
207529_at	4D	NM_021010	NP_066290	1670	DEFA5	defensin, alpha 5, Paneth cell-specific
207541_s_at	4D	NM_002685	NP_002676	5394	EXOSC10	exosome component 10
207545_s_at	4D	NM_003744	NP_003735	8650	NUMB	numb homolog (Drosophila)
207549_x_at	4D	NM_002389	NP_002380	4179	MCP	membrane cofactor protein (CD46, trophoblastlympho
207559_s_at	4D	NM_005096	NP_005087	9203	ZNF261	zinc finger protein 261
207571_x_at	4D	NM_004848	NP_004839	9473	C1orf38	chromosome 1 open reading frame 38
207601_at	4D	NM_014465	NP_055280	27284	SUL11B1	sulfotransferase family, cytosolic, 1B, member 1
207613_s_at	4D	NM_015981	NP_057065	815	CAMK2A	calcium/calmodulin-dependent protein kinase (CaM ki
207619_at	4D	NM_001525	NP_001516	3061	HCRTR1	hypocretin (orexin) receptor 1
207625_s_at	4D	NM_005093	NP_005084	9139	CBFA2T2	core-binding factor, runt domain, alpha subunit 2;
207636_at	4D	NM_006217	NP_006208	5276	SERPINI2	serine (or cysteine) proteinase inhibitor, clade I
207638_at	4D	NM_002772	NP_002763	5651	PRSS7	protease, serine, 7 (enterokinase)
207643_s_at	4D	NM_001065	NP_001056	7132	TNFRSF1A	tumor necrosis factor receptor superfamily, member
207649_at	4D	NM_003770	NP_003761	8688	KRTHA7	keratin, hair, acidic, 7
207655_s_at	4D	NM_013314	NP_037446	29760	BLNK	Bcell linker
207657_x_at	4D	NM_002270	NP_002261	3842	TNPO1	transportin 1
207659_s_at	4D	NM_006501	NP_006492	4336	MOBP	myelin-associated oligodendrocyte basic protein
207661_s_at	4D	NM_014631	NP_055446	9644	SH3MD1	SH3 multiple domains 1
207662_at	4D	NM_005992	NP_005983	6899	TBX1	Tbox 1
207665_at	4D	NM_003813	NP_003804	8747	ADAM21	a disintegrin and metalloproteinase domain 21
207667_s_at	4D	NM_002756	NP_002747	5606	MAP2K3	mitogen-activated protein kinase 3
207669_at	4D	NM_002282	NP_002273	3889	KRTHB3	keratin, hair, basic, 3

# APPENDIX D

207676_at	4D	NM_004852	NP_004843	9480	ONECUT2	one cut domain, family member 2
207687_at	4D	NM_005538	NP_005529	3626	INHBC	inhibin, beta C
207697_x_at	4D	NM_005874	NP_005865	10288	LILRB2	leukocyte immunoglobulinlike receptor, subfamily B
207705_s_at	4D	NM_025176	NP_079452	22981	KIAA0980	KIAA0980 protein
207721_x_at	4D	NM_005340	NP_005331	3094	HINT1	histidine triad nucleotide binding protein 1
207723_s_at	4D	NM_002261	NP_002252	3823	KLRC3	killer cell lectinlike receptor subfamily C, member 3
207727_s_at	4D	NM_012222	NP_036354	4595	MUTYH	mutY homolog (E. coli)
207738_s_at	4D	NM_013436	NP_038464	10787	NCKAP1	NCKassociated protein 1
207753_at	4D	NM_020657	NP_065708	57343	ZNF304	zinc finger protein 304
207761_s_at	4D	NM_014033	NP_054752	25840	DKFZP586A052	DKFZP586A0522 protein
207768_at	4D	NM_001965	NP_001956	1961	EGR4	early growth response 4
207782_s_at	4D	NM_007319	NP_015558	5663	PSEN1	presenilin 1 (Alzheimer disease 3)
207784_at	4D	NM_009589	NP_033667	414	ARSD	arylsulfatase D
207787_at	4D	NM_002279	NP_002270	3884	KRTHA3B	keratin, hair, acidic, 3B
207791_s_at	4D	NM_004161	NP_004152	5861	RAB1A	RAB1A, member RAS oncogene family
207798_s_at	4D	NM_017492	NP_059867	11273	ATXN2L	ataxin 2like
207811_at	4D	NM_000223	NP_000214	3859	KRT12	keratin 12 (Meesmann corneal dystrophy)
207813_s_at	4D	NM_004110	NP_004101	2232	FDXR	ferredoxin reductase
207814_at	4D	NM_001926	NP_001917	1671	DEFA6	defensin, alpha 6, Paneth cellspecific
207826_s_at	4D	NM_002167	NP_002158	3399	ID3	inhibitor of DNA binding 3, dominant negative heli
207829_s_at	4D	NM_013978	NP_053581	662	BNIP1	BCL2/adenovirus E1B 19kDa interacting protein 1
207835_at	4D	NM_006487	NP_006478	2192	FBLN1	fibulin 1
207843_x_at	4D	NM_001914	NP_001905	1528	CYB5	cytochrome b5
207844_at	4D	NM_002188	NP_002179	3596	IL13	interleukin 13
207850_at	4D	NM_002090	NP_002081	2921	CXCL3	chemokine (CXC motif) ligand 3
207857_at	4D	NM_006866	NP_006857	11027	LILRA2	leukocyte immunoglobulinlike receptor, subfamily A
207873_x_at	4D	NM_021115	NP_066938	23544	SEZ6L	seizure related 6 homolog (mouse)like
207877_s_at	4D	NM_002533	NP_002524	4931	NVL	nuclear VCPlike
207888_at	4D	NM_004940				
207913_at	4D	NM_000774	NP_000765	1572	CYP2F1	cytochrome P450, family 2, subfamily F, polypeptid

# APPENDIX D

207924_x_at	4D	NM_013992	NP_054698	7849	PAX8	paired box gene 8
207931_s_at	4D	NM_006212	NP_006203	5208	PFKFB2	6phosphofructo2kinase/fructose2,6biphosphatase 2
207945_s_at	4D	NM_001893	NP_001884	1453	CSNK1D	casein kinase I, delta
207966_s_at	4D	NM_012201	NP_036333	2734	GLG1	golgi apparatus protein 1
207969_x_at	4D	NM_020109	NP_064494	56	ACRV1	acrosomal vesicle protein 1
207973_x_at	4D	NM_020110	NP_064495	56	ACRV1	acrosomal vesicle protein 1
207979_s_at	4D	NM_004931	NP_004922	926	CD8B1	CD8 antigen, beta polypeptide 1 (p37)
207990_x_at	4D	NM_020114	NP_064499	56	ACRV1	acrosomal vesicle protein 1
207991_x_at	4D	NM_020113	NP_064498	56	ACRV1	acrosomal vesicle protein 1
207995_s_at	4D	NM_014257	NP_055072	10332	CLEC4M	Ctype lectin domain family 4, member M
208028_s_at	4D	NM_003996	NP_003987	2880	GPX5	glutathione peroxidase 5 (epididymal androgenrelat
208031_s_at	4D	NM_000635	NP_000626	5990	RFX2	regulatory factor X, 2 (influences HLA class II ex
208042_at	4D	NM_013303				
208047_s_at	4D	NM_005966	NP_005957	4664	NAB1	NGF1A binding protein 1 (EGRI binding protein 1)
208053_at	4D	NM_001522	NP_001513	2986	GUCY2F	guanylate cyclase 2F, retinal
208061_at	4D	NM_015877				
208083_s_at	4D	NM_000888	NP_000879	3694	ITGB6	integrin, beta 6
208084_at	4D	NM_000888	NP_000879	3694	ITGB6	integrin, beta 6
208086_s_at	4D	NM_004014	NP_004005	1756	DMD	dystrophin (muscular dystrophy, Duchenne and Becke
208089_s_at	4D	NM_030794	NP_110421	81550	TDRD3	tudor domain containing 3
208092_s_at	4D	NM_030797	NP_110424	81553	FAM49A	family with sequence similarity 49, member A
208093_s_at	4D	NM_030808	NP_110435	81565	NDEL1	nude nuclear distribution gene E homolog like 1 (A
208094_s_at	4D	NM_030818	NP_110445	81576	MGC10471	hypothetical protein MGC10471
208101_s_at	4D	NM_030914	NP_112176	81605	C9orf74	chromosome 9 open reading frame 74
208117_s_at	4D	NM_031206	NP_112483	81887	LASIL	LAS1like (S. cerevisiae)
208138_at	4D	NM_000805	NP_000796	2520	GAS	gastatin
208141_s_at	4D	NM_031304	NP_112594	83475	MGC4293	hypothetical protein MGC4293
208149_x_at	4D	NM_030653	NP_085911	1663	DDX11	DEAD/H (AspGluAlaAsp/His) box polypeptide 11 (CHL1
208153_s_at	4D	NM_001447	NP_001438	2196	FAT2	FAT tumor suppressor homolog 2 (Drosophila)

# APPENDIX D

208156_x_at	4D	NM_031308	NP_112598	83481	EPK1	epiplakin 1
208158_s_at	4D	NM_018030	NP_060500	114876	OSBPL1A	oxysterol binding proteinlike 1A
208164_s_at	4D	NM_002186	NP_002177	3581	IL9R	interleukin 9 receptor
208180_s_at	4D	NM_003543	NP_003534	8365	HIST1H4H	histone 1, H4h
208182_x_at	4D	NM_002172	NP_002163	3448	IFNA14	interferon, alpha 14
208223_s_at	4D	NM_020327	NP_064732	91	ACVR1B	activin A receptor, type IB
208239_at	4D	NM_012185				
208249_s_at	4D	NM_014305	NP_055120	23483	TGDS	TDPglucose 4,6dehydratase
208256_at	4D	NM_001405	NP_001396	1943	EFNA2	ephrinA2
208285_at	4D	NM_017506	NP_059976	26659	OR7A5	olfactory receptor, family 7, subfamily A, member
208302_at	4D	NM_021182	NP_067005	57824	HB1	minor histocompatibility antigen HB1
208324_at	4D	NM_006738	NP_006729	11214	AKAP13	A kinase (PRKA) anchor protein 13
208332_at	4D	NM_004676	NP_004667	9081	PRY	PTPN13like, Ylinked
208366_at	4D	NM_014522	NP_055337	27328	PCDH11X	protocadherin 11 Xlinked
208369_s_at	4D	NM_013976	NP_039663	2639	GCDH	glutarylCoenzyme A dehydrogenase
208374_s_at	4D	NM_006135	NP_006126	829	CAPZA1	capping protein (actin filament) muscle Zline, alp
208389_s_at	4D	NM_004171	NP_004162	6506	SLC1A2	solute carrier family 1 (glial high affinity gluta
208391_s_at	4D	NM_002062	NP_002053	2740	GLP1R	glucagonlike peptide 1 receptor
208398_s_at	4D	NM_004865	NP_004856	9519	TBPL1	TBPLike 1
208424_s_at	4D	NM_020313	NP_064709	57019	CIAPIN1	cytokine induced apoptosis inhibitor 1
208428_at	4D	NM_018833	NP_061313	6891	TAP2	transporter 2, ATPbinding cassette, subfamily B (M
208445_s_at	4D	NM_023005	NP_075381	9031	BAZ1B	bromodomain adjacent to zinc finger domain, 1B
208450_at	4D	NM_006498	NP_006489	3957	LGALS2	lectin, galactosidebinding, soluble, 2 (galectin 2
208455_at	4D	NM_002855	NP_002846	5818	PVRL1	poliovirus receptorrelated 1 (herpesvirus entry me
208460_at	4D	NM_005497	NP_005488	10052	GJA7	gap junction protein, alpha 7, 45kDa (connexin 45)
208466_at	4D	NM_004283	NP_004274	9545	RAB3D	RAB3D, member RAS oncogene family
208490_x_at	4D	NM_003522	NP_003513	8343	HIST1H2BF	histone 1, H2bf
208496_x_at	4D	NM_003534	NP_003525	8355	HIST1H3G	histone 1, H3g
208498_s_at	4D	NM_004038	NP_004029	276	AMY1A	amylase, alpha 1A; salivary
208506_at	4D	NM_021018	NP_066298	8968	HIST1H3F	histone 1, H3f
208508_s_at	4D	NM_030905	NP_112167	26707	OR2J2	olfactory receptor, family 2, subfamily J, member
208517_x_at	4D	NM_001207	NP_001198	689	BTF3	basic transcription factor 3

# APPENDIX D

208527_x_at	4D	NM_003523	NP_003514	8344	HIST1H2BE	histone 1, H2be
208546_x_at	4D	NM_003524	NP_003515	8345	HIST1H2BH	histone 1, H2bh
208548_at	4D	NM_021002	NP_066282	3443	IFNA6	interferon, alpha 6
208571_at	4D	NM_012404	NP_036536	23519	ANP32D	acidic (leucinerich) nuclear phosphoprotein 32 fam
208577_at	4D	NM_003531	NP_003522	8352	HIST1H3C	histone 1, H3c
208579_x_at	4D	NM_017445	NP_059141	54145	H2BFS	H2B histone family, member S
208593_x_at	4D	NM_004382	NP_004373	1394	CRHR1	corticotropin releasing hormone receptor 1
208594_x_at	4D	NM_024318	NP_077294	79168	LILRB6	leukocyte immunoglobulinlike receptor, subfamily B
208638_at	4D	NM_005742	NP_005733	10130	TXNDC7	thioredoxin domain containing 7 (protein disulfide
208646_at	4D	NM_005617	NP_005608	6208	RPS14	ribosomal protein S14
208674_x_at	4D	NM_005216	NP_005207	1650	DDOST	dolichyldiphosphooligosaccharideprotein glycosyltr
208676_s_at	4D	NM_006191	NP_006182	5036	PA2G4	proliferationassociated 2G4, 38kDa
208680_at	4D	NM_002574	NP_002565	5052	PRDX1	peroxiredoxin 1
208695_s_at	4D	NM_001000	NP_000991	6170	RPL39	ribosomal protein L39
208711_s_at	4D	NM_053056	NP_444284	595	CCND1	cyclin D1 (PRAD1: parathyroid adenomatosis 1)
208734_x_at	4D	NM_002865	NP_002856	5862	RAB2	RAB2, member RAS oncogene family
208740_at	4D	NM_005870	NP_005861	10284	SAP18	sin3associated polypeptide, 18kDa
208742_s_at	4D	NM_005870	NP_005861	10284	SAP18	sin3associated polypeptide, 18kDa
208746_x_at	4D	NM_006476	NP_006467	10632	ATP5L	ATP synthase, H+ transporting, mitochondrial F0 co
208763_s_at	4D	NM_004089	NP_004080	1831	DSIP1	delta sleep inducing peptide, immunoreactor
208766_s_at	4D	NM_005826	NP_005817	10236	HNRPR	heterogeneous nuclear ribonucleoprotein R
208768_x_at	4D	NM_000983	NP_000974	6146	RPL22	ribosomal protein L22
208779_x_at	4D	NM_013993	NP_054699	780	DDR1	discoidin domain receptor family, member 1
208782_at	4D	NM_007085	NP_009016	11167	FSTL1	folliculinlike 1
208783_s_at	4D	NM_172355	NP_758865	4179	MCP	membrane cofactor protein (CD46, trophoblastlympho
208785_s_at	4D	NM_022818	NP_073729	81631	MAP1LC3B	microtubuleassociated protein 1 light chain 3 beta
208786_s_at	4D	NM_022818	NP_073729	81631	MAP1LC3B	microtubuleassociated protein 1 light chain 3 beta
208787_at	4D	NM_007208	NP_009139	11222	MRPL3	mitochondrial ribosomal protein L3
208789_at	4D	NM_012232	NP_036364	284119	PTRF	polymerase I and transcript release factor
208791_at	4D	NM_203339	NP_976084	1191	CLU	clusterin (complement lysis inhibitor, SP40,40, su



# APPENDIX D

208825_x_at	4D	NM_000984	NP_000975	6147	RPL23A	ribosomal protein L23a
208826_x_at	4D	NM_005340	NP_005331	3094	HINT1	histidine triad nucleotide binding protein 1
208827_at	4D	NM_002798	NP_002789	5694	PSMB6	proteasome (prosome, macropain) subunit, beta type
208828_at	4D	NM_017443	NP_059139	54107	POLE3	polymerase (DNA directed), epsilon 3 (p17 subunit)
208833_s_at	4D	NM_013236	NP_037368	25814	ATXN10	ataxin 10
208834_x_at	4D	NM_000984	NP_000975	6147	RPL23A	ribosomal protein L23a
208835_s_at	4D	NM_006107	NP_006098	51747	CROP	cisplatin resistance-associated overexpressed prote
208863_s_at	4D	NM_006924	NP_008855	6426	SFRS1	splicing factor, arginine/serine-rich 1 (splicing f
208864_s_at	4D	NM_003329	NP_003320	7295	TXN	thioredoxin
208873_s_at	4D	NM_005669	NP_005660	7905	C5orf18	chromosome 5 open reading frame 18
208892_s_at	4D	NM_001946	NP_001937	1848	DUSP6	dual specificity phosphatase 6
208895_s_at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
208896_at	4D	NM_006773	NP_006764	8886	DDX18	DEAD (AspGluAlaAsp) box polypeptide 18
208903_at	4D	NM_001031	NP_001022	6234	RPS28	ribosomal protein S28
208913_at	4D	NM_015044	NP_055859	23062	GGA2	golgi associated, gamma adaptin ear containing, AR
208914_at	4D	NM_138640	NP_619581	23062	GGA2	golgi associated, gamma adaptin ear containing, AR
208917_x_at	4D	NM_023018	NP_075394	65220	FLJ13052	NAD kinase
208924_at	4D	NM_014372	NP_055187	26994	RNF11	ring finger protein 11
208932_at	4D	NM_002720	NP_002711	5531	PPP4C	protein phosphatase 4 (formerly X), catalytic subu
208957_at	4D	NM_015051	NP_055866	23071	TXNDC4	thioredoxin domain containing 4 (endoplasmic retic
208960_s_at	4D	NM_001300	NP_001291	1316	KLF6	Kruppellelike factor 6
208961_s_at	4D	NM_001300	NP_001291	1316	KLF6	Kruppellelike factor 6
208969_at	4D	NM_005002	NP_004993	4704	NDUFA9	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
208970_s_at	4D	NM_000374	NP_000365	7389	UROD	uroporphyrinogen decarboxylase
208986_at	4D	NM_207038	NP_996921	6938	TCF12	transcription factor 12 (HTF4, helixloophelix tran
209001_s_at	4D	NM_015391	NP_056206	25847	ANAPC13	anaphase promoting complex subunit 13
209004_s_at	4D	NM_012161	NP_036293	26234	FBXL5	Fbox and leucinerich repeat protein 5
209006_s_at	4D	NM_207035	NP_996918	57035	NPD014	NPD014 protein
209008_x_at	4D	NM_002273	NP_002264	3856	KRT8	keratin 8

# APPENDIX D

209015_s_at	4D	NM_058246	NP_490647	10049	DNAJB6	DnaJ (Hsp40) homolog, subfamily B, member 6
209019_s_at	4D	NM_032409	NP_115785	65018	PINK1	PTEN induced putative kinase 1
209021_x_at	4D	NM_014741	NP_055556	9776	KIAA0652	KIAA0652 gene product
209025_s_at	4D	NM_006372	NP_006363	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting
209048_s_at	4D	NM_183048	NP_898869	23613	PRKCBP1	protein kinase C binding protein 1
209065_at	4D	NM_006294	NP_006285	7381	UQCRRB	ubiquinolcytochrome c reductase binding protein
209069_s_at	4D	NM_005324	NP_005315	3021	H3F3B	H3 histone, family 3B (H3.3B)
209081_s_at	4D	NM_030582	NP_085059	80781	COL18A1	collagen, type XVIII, alpha 1
209089_at	4D	NM_004162	NP_004153	5868	RAB5A	RAB5A, member RAS oncogene family
209099_x_at	4D	NM_000214	NP_000205	182	JAG1	jagged 1 (Alagille syndrome)
209100_at	4D	NM_006764	NP_006755	7866	IFRD2	interferonrelated developmental regulator 2
209106_at	4D	NM_147223	NP_671756	8648	NCOA1	nuclear receptor coactivator 1
209114_at	4D	NM_005727	NP_005718	10103	TSPAN1	tetraspan 1
209118_s_at	4D	NM_006009	NP_006000	7846	TUBA3	tubulin, alpha 3
209128_s_at	4D	NM_014706	NP_055521	9733	SART3	squamous cell carcinoma antigen recognised by Tce
209130_at	4D	NM_003825	NP_003816	8773	SNAP23	synaptosomalassociated protein, 23kDa
209144_s_at	4D	NM_005093	NP_005084	9139	CBFA2T2	corebinding factor, runt domain, alpha subunit 2;
209149_s_at	4D	NM_006405	NP_006396	10548	TM9SF1	transmembrane 9 superfamily member 1
209152_s_at	4D	NM_003200	NP_003191	6929	TCF3	transcription factor 3 (E2A immunoglobulin enhance
209158_s_at	4D	NM_017457	NP_059431	9266	PSCD2	pleckstrin homology, Sec7 and coiledcoil domains 2
209165_at	4D	NM_012138	NP_036270	26574	AATF	apoptosis antagonizing transcription factor
209179_s_at	4D	NM_024298	NP_077274	79143	LENG4	leukocyte receptor cluster (LRC) member 4
209184_s_at	4D	NM_003749	NP_003740	8660	IRS2	insulin receptor substrate 2
209185_s_at	4D	NM_003749	NP_003740	8660	IRS2	insulin receptor substrate 2
209187_at	4D	NM_001938	NP_001929	1810	DR1	downregulator of transcription 1, TBPbinding (mega
209188_x_at	4D	NM_001938	NP_001929	1810	DR1	downregulator of transcription 1, TBPbinding (mega
209211_at	4D	NM_001730	NP_001721	688	KLF5	Kruppelliike factor 5 (intestinal)
209217_s_at	4D	NM_007075	NP_009006	11152	WDR45	WD repeat domain 45
209233_at	4D	NM_006331	NP_006322	10436	C2F	C2f protein

# APPENDIX D

209235_at	4D	NM_001287	NP_001278	1186	CLCN7	chloride channel 7
209251_x_at	4D	NM_032704	NP_116093	84790	TUBA6	tubulin alpha 6
209265_s_at	4D	NM_019852	NP_062826	56339	METTL3	methyltransferase like 3
209268_at	4D	NM_007259	NP_009190	11311	VPS45A	vacuolar protein sorting 45A (yeast)
209276_s_at	4D	NM_002064	NP_002055	2745	GLRX	glutaredoxin (thioltransferase)
209301_at	4D	NM_000067	NP_000058	760	CA2	carbonic anhydrase II
209305_s_at	4D	NM_015675	NP_056490	4616	GADD45B	growth arrest and DNA damage inducible, beta
209308_s_at	4D	NM_004330	NP_004321	663	BNIP2	BCL2/adenovirus E1B 19kDa interacting protein 2
209317_at	4D	NM_203290	NP_976035	9533	POLR1C	polymetase (RNA) I polypeptide C, 30kDa
209328_x_at	4D	NM_138820	NP_620175	192286	MGC2198	hypothetical protein MGC2198
209331_s_at	4D	NM_145113	NP_660088	4149	MAX	MYC associated factor X
209349_at	4D	NM_133482	NP_597816	10111	RAD50	RAD50 homolog (S. cerevisiae)
209366_x_at	4D	NM_001914	NP_001905	1528	CYB5	cytochrome b5
209409_at	4D	NM_001001549	NP_001001549	2887	GRB10	growth factor receptor bound protein 10
209410_s_at	4D	NM_001001550	NP_001001550	2887	GRB10	growth factor receptor bound protein 10
209412_at	4D	NM_003274	NP_003265	7109	TMEM1	transmembrane protein 1
209418_s_at	4D	NM_001002878	NP_001002878	8563	C22orf19	chromosome 22 open reading frame 19
209426_s_at	4D	NM_014324	NP_055139	23600	AMACR	aliphatic methyl CoA racemase
209434_s_at	4D	NM_002703	NP_002694	5471	PPAT	phosphoribosyl pyrophosphate amidotransferase
209450_at	4D	NM_017807	NP_060277	55644	OSGEP	O-sialoglycoprotein endopeptidase
209451_at	4D	NM_004180	NP_004171	10010	TANK	TRAF family member associated NFkB activator
209475_at	4D	NM_006313	NP_006304	9958	USP15	ubiquitin specific protease 15
209484_s_at	4D	NM_015471	NP_056286	25936	C1orf48	chromosome 1 open reading frame 48
209497_s_at	4D	NM_031492	NP_113680	83759	RBM30	RNA binding motif protein 30
209511_at	4D	NM_021974	NP_068809	5435	POLR2F	polymetase (RNA) II (DNA directed) polypeptide F
209512_at	4D	NM_032303	NP_115679	84263	HSDL2	hydroxysteroid dehydrogenase like 2
209513_s_at	4D	NM_032303	NP_115679	84263	HSDL2	hydroxysteroid dehydrogenase like 2
209517_s_at	4D	NM_004674	NP_004665	9070	ASH2L	ash2 (absent, small, or homeotic) like (Drosophila)
209527_at	4D	NM_014285	NP_055100	23404	EXOSC2	exosome component 2
209551_at	4D	NM_032312	NP_115688	84272	MGC11061	hypothetical protein MGC11061
209567_at	4D	NM_015169	NP_055984	23212	RRS1	RRS1 ribosome biogenesis regulator homolog (S. cer
209569_x_at	4D	NM_014392	NP_055207	27065	D4S234E	DNA segment on chromosome 4 (unique) 234

# APPENDIX D

209639_s_at	4D		NM_198227	NP_937870	6002	RGS12	expressed
209640_at	4D		NM_033238	NP_150241	5371	PML	regulator of Gprotein signalling 12
209659_s_at	4D		NM_003903	NP_003894	8881	CDC16	promyelocytic leukemia
							CDC16 cell division cycle 16 homolog (S. cerevisia
209667_at	4D		NM_198061	NP_932327	8824	CES2	carboxylesterase 2 (intestine, liver)
209686_at	4D		NM_006272	NP_006263	6285	S100B	S100 calcium binding protein, beta (neural)
209702_at	4D		XM_051200	XP_051200	79068	FTO	fatso
209711_at	4D		NM_015139	NP_055954	23169	SLC35D1	solute carrier family 35 (UDPelucuronic acid/UDPNa
209732_at	4D		NM_005127	NP_005118	9976	CLEC2B	Ctype lectin domain family 2, member B
209743_s_at	4D		NM_031483	NP_113671	83737	ITCH	itchy homolog E3 ubiquitin protein ligase (mouse)
209744_x_at	4D		NM_031483	NP_113671	83737	ITCH	itchy homolog E3 ubiquitin protein ligase (mouse)
209772_s_at	4D		NM_013230	NP_037362	934	CD24	CD24 antigen (small cell lung carcinoma cluster 4
209784_s_at	4D		NM_002226	NP_002217	3714	JAG2	jagged 2
209826_at	4D		NM_138934	NP_620312	9374	PPT2	palmitoylprotein thioesterase 2
209840_s_at	4D		NM_018334	NP_060804	54674	LRRN3	leucine rich repeat neuronal 3
209841_s_at	4D		NM_018334	NP_060804	54674	LRRN3	leucine rich repeat neuronal 3
209850_s_at	4D		NM_006779	NP_006770	10435	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2
209853_s_at	4D		NM_176863	NP_789839	10197	PSME3	proteasome (prosome, macropain) activator subunit
209863_s_at	4D		NM_003722	NP_003713	8626	TP73L	tumor protein p73like
209864_at	4D		NM_012083	NP_036215	23401	FRAT2	frequently rearranged in advanced Tcell lymphomas
209867_s_at	4D		NM_015236	NP_056051	23284	LPHN3	latrophilin 3
209869_at	4D		NM_000681	NP_000672	150	ADRA2A	adrenergic, alpha2A, receptor
209877_at	4D		NM_003087	NP_003078	6623	SNCG	synuclein, gamma (breast cancerspecific protein 1)
209880_s_at	4D		NM_003006	NP_002997	6404	SELPLG	selectin P ligand
209881_s_at	4D		NM_014387	NP_055202	27040	LAT	linker for activation of T cells
209882_at	4D		NM_006912	NP_008843	6016	RIT1	Raslike without CAAX 1
209889_at	4D		NM_198138	NP_937781	25956	SEC3IL2	SEC3like 2 (S. cerevisiae)
209902_at	4D		NM_001184	NP_001175	545	ATR	ataxia telangiectasia and Rad3 related
209911_x_at	4D		NM_138720	NP_619790	3017	HIST1H2BD	histone 1, H2bd
209933_s_at	4D		NM_007261	NP_009192	11314	CD300A	CD300A antigen
209934_s_at	4D		NM_001001487	NP_001001487	27032	ATP2C1	ATPase, Ca++ transporting, type 2C, member 1

# APPENDIX D

20942_x_at	4D	NM_005362	NP_005353	4102	MAGEA3	melanoma antigen family A, 3
20971_x_at	4D	NM_006303	NP_006294	7965	JTV1	JTV1 gene
20978_s_at	4D	NM_005577	NP_005568	4018	LPA	lipoprotein, Lp(a)
20984_at	4D	NM_015061	NP_055876	23081	JMJD2C	jumonji domain containing 2C
20989_at	4D	NM_003415	NP_003406	10795	ZNF268	zinc finger protein 268
20999_x_at	4D	NM_003745	NP_003736	8651	SOC31	suppressor of cytokine signaling 1
21004_at	4D	NM_002543	NP_002534	4973	OLR1	oxidised low density lipoprotein (lectinlike) rece
210010_s_at	4D	NM_005984	NP_005975	6576	SLC25A1	solute carrier family 25 (mitochondrial carrier, c
210013_at	4D	NM_000613	NP_000604	3263	HPX	hemopexin
210017_at	4D	NM_006785	NP_006776	10892	MALTI	mucosa associated lymphoid tissue lymphoma translo
210023_s_at	4D	NM_032673	NP_116062	84759	PCGF1	polycomb group ring finger 1
210027_s_at	4D	NM_080649	NP_542380	328	APEX1	APEX nuclease (multifunctional DNA repair enzyme)
210034_s_at	4D	NM_000969	NP_000960	6125	RPL5	ribosomal protein L5
210088_x_at	4D	NM_001002841	NP_001002841	4635	MYL4	myosin, light polypeptide 4, alkali; atrial, embry
210092_at	4D	NM_002370	NP_002361	4116	MAGOH	magonashi homolog, proliferationassociated (Drosop
210093_s_at	4D	NM_002370	NP_002361	4116	MAGOH	magonashi homolog, proliferationassociated (Drosop
210094_s_at	4D	NM_019619	NP_062565	56288	PARD3	par3 partitioning defective 3 homolog (C. elegans)
210097_s_at	4D	NM_016167	NP_057251	51406	NOL7	nucleolar protein 7, 27kDa
210114_at	4D	NM_183245	NP_899068	27130	INVS	inversin
210117_at	4D	NM_003114	NP_003105	6674	SPAG1	sperm associated antigen 1
210119_at	4D	NM_002243	NP_002234	3772	KCNJ15	potassium inwardlyrectifying channel, subfamily J,
210125_s_at	4D	NM_003860	NP_003851	8815	BANF1	barrier to autointegration factor 1
210128_s_at	4D	NM_181657	NP_858043	1241	LTB4R	leukotriene B4 receptor
210137_s_at	4D	NM_001921	NP_001912	1635	DCTD	dCMP deaminase
210152_at	4D	NM_006847	NP_006838	11006	LILRB4	leukocyte immunoglobulinlike receptor, subfamily B
210160_at	4D	NM_002572	NP_002563	5049	PAFAH1B2	plateletactivating factor acetylhydrolase, isoform
210173_at	4D	NM_002843	NP_002834	5795	PTPRJ	protein tyrosine phosphatase, receptor type, J
210176_at	4D	NM_003263	NP_003254	7096	TLR1	tolllike receptor 1
210186_s_at	4D	NM_000801	NP_000792	2280	FKBP1A	FK506 binding protein 1A, 12kDa

# APPENDIX D

210190_at	4D	NM_003764	NP_003755	8676	STX11	synixin 11
210215_at	4D	NM_003227	NP_003218	7036	TFR2	transferrin receptor 2
210233_at	4D	NM_134470	NP_608273	3556	IL1RAP	interleukin 1 receptor accessory protein
210236_at	4D	NM_177423	NP_803172	8500	PPF1A1	protein tyrosine phosphatase, receptor type, f pol
210240_s_at	4D	NM_079421	NP_524145	1032	CDKN2D	cyclindependent kinase inhibitor 2D (p19, inhibits
210250_x_at	4D	NM_000026	NP_000017	158	ADSL	adenylosuccinate lyase
210254_at	4D	NM_006138	NP_006129	932	MS4A3	membranespanning 4domains, subfamily A, member 3 (
210271_at	4D	NM_006160	NP_006151	4761	NEUROD2	neurogenic differentiation 2
210272_at	4D	NM_000767	NP_000758	1555	CYP2B6	cytochrome P450, family 2, subfamily B, polypeptid
210279_at	4D	NM_005292	NP_005283	2841	GPR18	G proteincoupled receptor 18
210284_s_at	4D	NM_015093	NP_055908	23118	MAP3K7IP2	mitogenactivated protein kinase kinase kinase 7 in
210301_at	4D	NM_000379	NP_000370	7498	XDH	xanthine dehydrogenase
210303_at	4D	NM_006439	NP_006430	10586	MAB21L2	mab2 like 2 (C. elegans)
210306_at	4D	NM_015478	NP_056293	26013	L3MBTL	l(3)mbtlike (Drosophila)
210307_s_at	4D	NM_022480	NP_071925	64410	ENC2	BTB/POZ KELCH domain protein
210335_at	4D	NM_005447	NP_005438	9182	PAMC1	peptidylglycine alphaamidating monooxygenase COOH
210341_at	4D	NM_004535	NP_004526	4661	MYT1	myelin transcription factor 1
210347_s_at	4D	NM_018014	NP_060484	53335	BCL11A	Bcell CLL/lymphoma 11A (zinc finger protein)
210370_s_at	4D	NM_002348	NP_002339	4063	LY9	lymphocyte antigen 9
210380_s_at	4D	NM_198384	NP_938198	8913	CACNA1G	calcium channel, voltage-dependent, alpha 1G subunit
210387_at	4D	NM_003518	NP_003509	8339	HIST1H2BG	histone 1, H2bg
210394_x_at	4D	NM_005636	NP_005627	6759	SSX4	synovial sarcoma, X breakpoint 4
210395_x_at	4D	NM_002476	NP_002467	4635	MYL4	myosin, light polypeptide 4, alkali; atrial, embryo
210397_at	4D	NM_005218	NP_005209	1672	DEFB1	defensin, beta 1
210438_x_at	4D	NM_004600	NP_004591	6738	SSA2	Sjogren syndrome antigen A2 (60kDa, ribonucleoprot
210449_x_at	4D	NM_001315	NP_001306	1432	MAPK14	mitogenactivated protein kinase 14
210453_x_at	4D	NM_006476	NP_006467	10632	ATP5L	ATP synthase, H+ transporting, mitochondrial F0 co
210455_at	4D	NM_014472	NP_055287	27291	C10orf28	chromosome 10 open reading frame 28
210459_at	4D	NM_153822	NP_722544	5710	PSMD4	proteasome (prosome, macropain) 26S subunit,



# APPENDIX D

210495_x_at	4D	NM_212474	NP_997639	2335	FN1	nonAT
210506_at	4D	NM_004479	NP_004470	2529	FUT7	fibronectin 1
210546_x_at	4D	NM_001327	NP_001318	1485	CTAG1B	fucosyltransferase 7 (alpha (1,3) fucosyltransfera
210550_s_at	4D	NM_002891	NP_002882	5923	RASGRF1	cancer/testis antigen 1B
210594_x_at	4D	NM_003953	NP_003944	9019	MPZL1	Ras proteinspecific guanine nucleotidereleasing fa
210613_s_at	4D	NM_145738	NP_663791	9145	SYNGR1	myelin protein zero1ike 1
210617_at	4D	NM_000444	NP_000435	5251	PHEX	synaptogrym 1
						phosphate regulating endopeptidase homolog,
						Xlnke
210645_s_at	4D	NM_003316	NP_003307	7267	TTC3	tetratricopeptide repeat domain 3
210646_x_at	4D	NM_012423	NP_036555	23521	RPL13A	ribosomal protein L13a
210681_s_at	4D	NM_006313	NP_006304	9958	USP15	ubiquitin specific protease 15
210695_s_at	4D	NM_016373	NP_057457	51741	WWOX	WW domain containing oxidoreductase
210724_at	4D	NM_032571	NP_115960	84658	EMR3	egflike module containing, mucinlike, hormone
						rece
210734_x_at	4D	NM_002382	NP_002373	4149	MAX	MYC associated factor X
210740_s_at	4D	NM_014216	NP_055031	3705	ITPK1	inositol 1,3,4triphosphate 5/6 kinase
210749_x_at	4D	NM_001954	NP_001945	780	DDR1	discoidin domain receptor family, member 1
210750_s_at	4D	NM_001003809	NP_001003809	9229	DLGAP1	discoidin domain receptor family, member 1
210754_s_at	4D	NM_002350	NP_002341	4067	LYN	disc. large (Drosophila) homologassociated protei
						yes1 Yamaguchi sarcoma viral related oncogene
						hom
210772_at	4D	NM_001005738	NP_001005738	2358	FPRL1	formyl peptide receptorlike 1
210774_s_at	4D	NM_005437	NP_005428	8031	NCOA4	formyl peptide receptorlike 1
210775_x_at	4D	NM_001229	NP_001220	842	CASP9	nuclear receptor coactivator 4
210779_x_at	4D	NM_003616	NP_003607	8487	SIP1	caspase 9, apoptosisrelated cysteine protease
210787_s_at	4D	NM_172226	NP_757380	10645	CAMKK2	survival of motor neuron protein interacting prote
						calcium/calmodulindependent protein kinase
						kinase
210789_x_at	4D	NM_001815	NP_001806	1084	CEACAM3	carcinoembryonic antigenrelated cell adhesion
						mole
210792_x_at	4D	NM_006427	NP_006418	10572	SIVA	CD27binding (Siva) protein
210811_s_at	4D	NM_019070	NP_061943	54555	DDX49	DEAD (AspGluAlaAsp) box polypeptide 49
210818_s_at	4D	NM_001186	NP_001177	571	BACH1	BTB and CNC homology 1, basic leucine zipper
						trans
210826_x_at	4D	NM_133338	NP_579916	5884	RAD17	RAD17 homolog (S. pombe)
210886_x_at	4D	NM_007233	NP_009164	11257	TP53AP1	TP53 activated protein 1

# APPENDIX D

210904_s_at	4D	NM_001560	NP_001551	3597	IL13RA1	interleukin 13 receptor, alpha 1
210907_s_at	4D	NM_007217	NP_009148	11235	PDCCD10	programmed cell death 10
210926_at	4D	XM_496601	XP_496601	440915	LOC440915	similar to FKSG30
210931_at	4D	NM_183045	NP_898866	6049	RNF6	ring finger protein (C3H2C3 type) 6
210937_s_at	4D	NM_000209	NP_000200	3651	IPF1	insulin promoter factor 1, homeodomain transcripti
210954_s_at	4D	NM_014779	NP_055594	9819	KIAA0669	KIAA0669 gene product
210975_x_at	4D	NM_033015	NP_148936	10922	FASTK	FAST kinase
210980_s_at	4D	NM_004315	NP_004306	427	ASAH1	Nacylsphingosine amidohydrolase (acid ceramidase)
210995_s_at	4D	NM_033228	NP_150231	373	TRIM23	tripartite motifcontaining 23
210999_s_at	4D	NM_001001555	NP_001001555	2887	GRB10	growth factor receptorbound protein 10
211004_s_at	4D	NM_000694	NP_000685	221	ALDH3B1	aldehyde dehydrogenase 3 family, member B1
211033_s_at	4D	NM_000288	NP_000279	5191	PEX7	peroxisomal biogenesis factor 7
211051_s_at	4D	NM_001440	NP_001431	2137	EXTL3	exostos (multiple)like 3
211070_x_at	4D	NM_020548	NP_065438	1622	DBI	diazepam binding inhibitor (GABA receptor modulator
211097_s_at	4D	NM_002586	NP_002577	5089	PBX2	preBcell leukemia transcription factor 2
211102_s_at	4D	NM_006866	NP_006857	11027	LILRA2	leukocyte immunoglobulinlike receptor, subfamily A
211114_x_at	4D	NM_003616	NP_003607	8487	SIP1	survival of motor neuron protein interacting prote
211115_x_at	4D	NM_003616	NP_003607	8487	SIP1	survival of motor neuron protein interacting prote
211128_at	4D	NM_001005611	NP_001005611	1896	EDA	ectodysplasin A
211135_x_at	4D	NM_006864	NP_006855	11025	LILRB3	leukocyte immunoglobulinlike receptor, subfamily B
211139_s_at	4D	NM_005966	NP_005957	4664	NAB1	NGF1A binding protein 1 (EGFR1 binding protein 1)
211160_x_at	4D	NM_001102	NP_001093	87	ACTN1	actinin, alpha 1
211163_s_at	4D	NM_003841	NP_003832	8794	TNFRSF10C	tumor necrosis factor receptor superfamily, member
211231_x_at	4D	NM_000778	NP_000769	1579	CYP4A11	cytochrome P450, family 4, subfamily A, polypeptid
211250_s_at	4D	NM_003023	NP_003014	6452	SH3BP2	SH3domain binding protein 2
211251_x_at	4D	NM_014223	NP_055038	4802	NFYC	nuclear transcription factor Y, gamma
211285_s_at	4D	NM_130838	NP_570853	7337	UBE3A	ubiquitin protein ligase E3A (human papilloma

# APPENDIX D

211298_s_at	4D		NM_000477	NP_000468	213	ALB	viru
211330_s_at	4D		NM_000410	NP_000401	3077	HFE	albumin
211355_x_at	4D		NM_002303	NP_002294	3953	LEPR	hemochromatosis
211372_s_at	4D		NM_004633	NP_004624	7850	IL1R2	leptin receptor
211378_x_at	4D		NM_203431	NP_982255	5478	PP1A	interleukin 1 receptor, type II
211396_at	4D		NM_001005412	NP_001005412	9103	FCGR2C	peptidylprolyl isomerase A (cyclophilin A)
211413_s_at	4D		NM_012387	NP_036519	23569	PADI4	Fc fragment of IgG, low affinity IIc, receptor for
211425_x_at	4D		NM_005636	NP_005627	6759	SSX4	peptidyl arginine deiminase, type IV
211433_x_at	4D		NM_025182	NP_079458	80256	KIAA1539	synovial sarcoma, X breakpoint 4
211501_s_at	4D		NM_003751	NP_003742	8662	EIF3S9	KIAA1539
211507_s_at	4D		NM_153051	NP_694691	8897	MTMR3	eukaryotic translation initiation factor 3, subunit
211521_s_at	4D		NM_013385	NP_037517	27128	PSCD4	myotubularin related protein 3
211530_x_at	4D		NM_002127	NP_002118	3135	HLA-G	pleckstrin homology, Sec7 and coiledcoil domains
211531_x_at	4D		NM_199354	NP_955386	5542	PRB1	4
211534_x_at	4D		NM_002847	NP_002838	5799	PTPRN2	HLA-G histocompatibility antigen, class I, G
211538_s_at	4D		NM_021979	NP_068814	3306	HSPA2	prolinrich protein BstNI subfamily 1
211542_x_at	4D		NM_001014	NP_001005	6204	RPS10	protein tyrosine phosphatase, receptor type, N pol
211548_s_at	4D		NM_000860	NP_000851	3248	HPGD	heat shock 70kDa protein 2
211555_s_at	4D		NM_000857	NP_000848	2983	GUCCY1B3	ribosomal protein S10
211561_x_at	4D		NM_001315	NP_001306	1432	MAPK14	hydroxyprostaglandin dehydrogenase 15(NAD)
211566_x_at	4D		NM_004899	NP_004890	9577	BRE	guanylate cyclase 1, soluble, beta 3
211574_s_at	4D		NM_172356	NP_758866	4179	MCP	mitogenactivated protein kinase 14
211594_s_at	4D		NM_031420	NP_113608	65005	MRPL9	brain and reproductive organexpressed
211612_s_at	4D		NM_001560	NP_001551	3597	IL13RA1	(TNFRSF1A mo
211651_s_at	4D		NM_002291	NP_002282	3912	LAMB1	membrane cofactor protein (CD46,
211657_at	4D		NM_002483	NP_002474	4680	CEACAM6	trophoblastlympho
211676_s_at	4D		NM_000416	NP_000407	3459	IFNGRI	mitochondrial ribosomal protein L9
211686_s_at	4D		NM_032509	NP_115898	84549	RBM13	interleukin 13 receptor, alpha 1
211707_s_at	4D		NM_014642	NP_055457	9657	IQCB1	laminin, beta 1
211711_s_at	4D		NM_000314	NP_000305	5728	PTEN	carcinoembryonic antigenrelated cell adhesion
							mole
							interferon gamma receptor 1
							RNA binding motif protein 13
							IQ motif containing B1
							phosphatase and tensin homolog (mutated in

# APPENDIX D

211725_s_at	4D	NM_197967	NP_932071	637	BID	multipl
211731_x_at	4D	NM_175711	NP_783642	10214	SSX3	BH3 interacting domain death agonist
211734_s_at	4D	NM_002001	NP_001992	2205	FCER1A	synovial sarcoma, X breakpoint 3
211738_x_at	4D	NM_005747	NP_005738	10136	ELA3A	Fc fragment of IgE, high affinity I, receptor for,
211750_x_at	4D	NM_032704	NP_116093	84790	TUBA6	elastase 3A, pancreatic (protease E)
211763_s_at	4D	NM_003337	NP_003328	7320	UBE2B	tubulin alpha 6
211765_x_at	4D	NM_021130	NP_066953	5478	PP1A	ubiquitinconjugating enzyme E2B (RAD6 homolog)
211806_s_at	4D	NM_170737	NP_733933	3772	KCNJ15	peptidylprolyl isomerase A (cyclophilin A)
211814_s_at	4D	NM_057749	NP_477097	9134	CCNE2	potassium inwardlyrectifying channel, subfamily J,
211826_s_at	4D	NM_005935	NP_005926	4299	MLLT2	cyclin E2
211848_s_at	4D	NM_006890	NP_008821	1087	CEACAM7	myeloid/lymphoid or mixedlineage leukemia (trithor
211883_x_at	4D	NM_001712	NP_001703	634	CEACAM1	carcinoembryonic antigenrelated cell adhesion mole
211885_x_at	4D	NM_000150	NP_000141	2528	FUT6	carcinoembryonic antigenrelated cell adhesion mole
211909_x_at	4D	NM_198714	NP_942007	5733	PTGER3	fucosyltransferase 6 (alpha (1,3) fucosyltransfera
211924_s_at	4D	NM_001005377	NP_001005377	5329	PLAUR	prostaglandin E receptor 3 (subtype EP3)
211964_at	4D	NM_001846	NP_001837	1284	COL4A2	plasminogen activator, urokinase receptor
211969_at	4D	NM_005348	NP_005339	3320	HSPCA HSP90AA1	collagen, type IV, alpha 2
211978_x_at	4D	NM_021130	NP_066953	5478	PP1A	heat shock protein 90kDa protein-1alpha (cytosolic), class A member 1
211981_at	4D	NM_001845	NP_001836	1282	COL4A1	peptidylprolyl isomerase A (cyclophilin A)
211990_at	4D	NM_033554	NP_291032	3113	HLADPA1	collagen, type IV, alpha 1
211999_at	4D	NM_005324	NP_005315	3021	H3F3B	major histocompatibility complex, class II, DP alp
212014_x_at	4D	NM_001001390	NP_001001390	960	CD44	H3 histone, family 3B (H3.3B)
212021_s_at	4D	NM_002417	NP_002408	4288	MK167	CD44 antigen (homing function and Indian blood gro
212034_s_at	4D	NM_015219	NP_056034	23265	EXOC7	antigen identified by monoclonal antibody Ki67
212047_s_at	4D	NM_015528	NP_056343	26001	RNF167	exocyst complex component 7
212059_s_at	4D	NM_015638	NP_056453	26133	TRPC4AP	ring finger protein 167
212076_at	4D	NM_005933	NP_005924	4297	MLL	transient receptor potential cation channel, subfa
						myeloid/lymphoid or mixedlineage leukemia

# APPENDIX D

212077_at	4D		NM_033139	NP_149130	800	CALD1	(trihor caldesmon 1
212087_s_at	4D		NM_005702	NP_005693	26284	ERAL1	Era Gproteinlike 1 (E. coli)
212101_at	4D		NM_012316	NP_036448	23633	KPNA6	Karyopherin alpha 6 (importin alpha 7)
212106_at	4D		NM_014613	NP_055428	23197	ETEA	expressed in Tcells and eosinophils in atopic derm
212108_at	4D		NM_014613	NP_055428	23197	ETEA	expressed in Tcells and eosinophils in atopic derm
212123_at	4D		NM_015631	NP_056446	26123	C10orf61	chromosome 10 open reading frame 61
212203_x_at	4D		NM_021034	NP_066362	10410	IFITM3	interferon induced transmembrane protein 3 (18U)
212204_at	4D		NM_015497	NP_056312	25963	DKFZP564G2022	DKFZP564G2022 protein
212213_x_at	4D		NM_130832	NP_570845	4976	OPA1	optic atrophy 1 (autosomal dominant)
212222_at	4D		NM_014614	NP_055429	23198	PSME4	proteasome (prosome, macropain) activator subunit
212229_s_at	4D		NM_033624	NP_296373	23014	FBXO21	Fbox protein 21
212242_at	4D		NM_006000	NP_005991	7277	TUBA1	tubulin, alpha 1 (testis specific)
212254_s_at	4D		NM_183380	NP_899236	667	DST	dystonin
212268_at	4D		NM_030666	NP_109591	1992	SERPINB1	serine (or cysteine) proteinase inhibitor, clade B
212270_x_at	4D		NM_000985	NP_000976	6139	RPL17	ribosomal protein L17
212274_at	4D		NM_145693	NP_663731	23175	LPIN1	lipin 1
212296_at	4D		NM_005805	NP_005796	10213	PSMD14	proteasome (prosome, macropain) 26S subunit, nonAT
212314_at	4D		NM_015187	NP_056002	23231	K1AA0746	K1AA0746 protein
212330_at	4D		NM_007111	NP_009042	7027	TFDP1	transcription factor Dp1
212333_at	4D		NM_015475	NP_056290	25940	DKFZP564F0522	DKFZP564F0522 protein
212334_at	4D		NM_002076	NP_002067	2799	GNS	glucosamine (Nacetyl)6sulfatase (Sanfilippo diseases
212338_at	4D		NM_015194	NP_056009	4642	MYO1D	myosin 1D
212348_s_at	4D		NM_015013	NP_055828	23028	AOF2	amine oxidase (flavin containing) domain 2
212355_at	4D		NM_015299	NP_056114	23351	K1AA0323	K1AA0323
212361_s_at	4D		NM_001681	NP_001672	488	ATP2A2	ATPase, Ca++ transporting, cardiac muscle, slow tw
212378_at	4D		NM_000819	NP_000810	2618	GART	phosphoribosylglycinamide formyltransferase, phosp
212380_at	4D		NM_015050	NP_055865	23070	K1AA0082	K1AA0082
212411_at	4D		NM_033416	NP_219484	92856	IMP4	U3 snRNP protein 4 homolog

# APPENDIX D

212415_at	4D	NM_145799	NP_665798	23157	SEPT6	septin 6
212429_s_at	4D	NM_001521	NP_001512	2976	GTF3C2	general transcription factor IIC, polypeptide 2,
212457_at	4D	NM_006521	NP_006512	7030	TFE3	transcription factor binding to IGHM enhancer 3
212464_s_at	4D	NM_002026	NP_002017	2335	FN1	fibronectin 1
212467_at	4D	NM_173823	NP_776184	23317	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13
212487_at	4D	NM_001002909	NP_001002909	23131	KIAA0553	KIAA0553 protein
212500_at	4D	NM_032804	NP_116193	84890	C10orf22	chromosome 10 open reading frame 22
212522_at	4D	NM_173456	NP_775658	5151	PDE8A	phosphodiesterase 8A
212527_at	4D	XM_039495	XP_039495	27351	D15Wsu75e	DNA segment, Chr 15, Wayne State University 75, ex
212537_x_at	4D	NM_000985	NP_000976	6139	RPL17	ribosomal protein L17
212539_at	4D	NM_004284	NP_004275	9557	CHD1L	chromodomain helicase DNA binding protein like
212541_at	4D	NM_025207	NP_079483	80308	PP591	FADsynthetase
212550_at	4D	NM_012448	NP_036580	6777	STAT5B	signal transducer and activator of transcription 5
212557_at	4D	NM_015555	NP_056370	26036	ZNF451	zinc finger protein 451
212588_at	4D	NM_080922	NP_563579	5788	PTPRC	protein tyrosine phosphatase, receptor type, C
212603_at	4D	NM_005830	NP_005821	10240	MRPS31	mitochondrial ribosomal protein S31
212636_at	4D	NM_206855	NP_996737	9444	QKI	quaking homolog, KH domain RNA binding (mouse)
212640_at	4D	NM_198402	NP_940684	201562	PTPLB	protein tyrosine phosphatase like (proline instead
212648_at	4D	NM_019030	NP_061903	54505	DHX29	DEAH (AspGluAlaHis) box polypeptide 29
212652_s_at	4D	NM_003794	NP_003785	8723	SNX4	sorting nexin 4
212659_s_at	4D	NM_173843	NP_776215	3557	IL1RN	interleukin 1 receptor antagonist
212661_x_at	4D	NM_021130	NP_066953	5478	PP1A	peptidylprolyl isomerase A (cyclophilin A)
212665_at	4D	NM_015508	NP_056323	25976	TIPARP	TCDD inducible poly(ADPribose) polymerase
212667_at	4D	NM_003118	NP_003109	6678	SPARC	secreted protein, acidic, cysteine rich (osteonecti
212677_s_at	4D	NM_015147	NP_055962	23177	KIAA0582	KIAA0582
212681_at	4D	NM_012307	NP_036439	23136	EPBA4L3	erythrocyte membrane protein band 4.1 like 3
212684_at	4D	NM_032924	NP_116313	7551	ZNF3	zinc finger protein 3 (A851)
212686_at	4D	XM_350880	XP_350881	57460	PPM1H	protein phosphatase 1H (PP2C domain containing)
212697_at	4D	NM_178126	NP_835227	162427	LOC162427	hypothetical protein LOC162427
212698_s_at	4D	NM_144710	NP_653311	151011	SEPT10	septin 10
212702_s_at	4D	NM_001003800	NP_001003800	23299	BICD2	bicaudal D homolog 2 (Drosophila)



# APPENDIX D

212714_at	4D	NM_052879	NP_443111	113251	LOC113251	cMpl binding protein
212719_at	4D	NM_194449	NP_919431	23239	PLEKHE1	pleckstrin homology domain containing, family E (w)
212747_at	4D	NM_015245	NP_056060	23294	ANKS1	ankyrin repeat and sterile alpha motif domain cont
212767_at	4D	NM_138384	NP_612393	92170	GTP	GTP_binding protein
212785_s_at	4D	NM_016648	NP_057732	51574	HDCMA18P	HDCMA18P protein
212790_x_at	4D	NM_012423	NP_036555	23521	RPL13A	ribosomal protein L13a
212792_at	4D	XM_371891	XP_371891	23333	K1AA0877	K1AA0877 protein
212817_at	4D	NM_012266	NP_036398	25822	DNAIB5	DnaI (Hsp40) homolog, subfamily B, member 5
212825_at	4D	NM_007349	NP_031375	22976	PAXIP1L	PAX transcription activation domain interacting pr
212831_at	4D	XM_376905	XP_376905	1955	EGFL5	EGFlike domain, multiple 5
212836_at	4D	NM_006591	NP_006582	10714	POLD3	polymerase (DNAdirected), delta 3, accessory subun
212839_s_at	4D	NM_004600	NP_004591	6738	SSA2	Sjogren syndrome antigen A2 (60kDa, ribonucleoprot
212855_at	4D	NM_015115	NP_055930	23142	K1AA0276	K1AA0276 protein
212862_at	4D	NM_003818	NP_003809	8760	CDS2	CDPdiacylglycerol synthase (phosphatidate cytidyl/
212872_s_at	4D	NM_004275	NP_004266	9477	USP49	ubiquitin specific protease 49
212875_s_at	4D	NM_199050	NP_950251	25966	C21orf25	chromosome 21 open reading frame 25
212885_at	4D	NM_005791	NP_005782	10199	MPHOSPH10	Mphase phosphoprotein 10 (U3 small nucleolar ribon
212905_at	4D	NM_015235	NP_056050	23283	CSTF2T	cleavage stimulation factor, 3' preRNA, subunit 2,
212922_s_at	4D	NM_020197	NP_064582	56950	SMYD2	SET and MYND domain containing 2
212925_at	4D	NM_173481	NP_775752	126353	C19orf21	chromosome 19 open reading frame 21
212926_at	4D	NM_015110	NP_055925	23137	SMC5L1	SMC5 structural maintenance of chromosomes Slike 1
212928_at	4D	NM_021648	NP_067680	23270	TSPYL4	TSPYlike 4
212933_x_at	4D	NM_000977	NP_000968	6137	RPL13	ribosomal protein L13
212936_at	4D	NM_032042	NP_114431	83989	DKFZP564D172	hypothetical protein DKFZp564D172
212940_at	4D	NM_001848	NP_001839	1291	COL6A1	collagen, type VI, alpha 1
212955_s_at	4D	NM_006233	NP_006224	5438	POLR21	polymerase (RNA) II (DNA directed) polypeptide I,
212958_x_at	4D	NM_138822	NP_620177	5066	PAM	peptidylglycine alphaamidating monoxygenase
212964_at	4D	NM_015094	NP_055909	23119	HIC2	hypermethylated in cancer 2

# APPENDIX D

212973_at	4D	NM_144563	NP_653164	22934	RP1A	ribose 5phosphate isomerase A (ribose 5phosphate e
212974_at	4D	NM_014957	NP_055772	22898	K1AA0870	K1AA0870 protein
213001_at	4D	NM_012098	NP_036230	23452	ANGPTL2	angiotensinlike 2
213009_s_at	4D	NM_015294	NP_056109	4591	TRIM37	tripartite motifcontaining 37
213018_at	4D	NM_021167	NP_066990	57798	ODAG	ocular developmentassociated gene
213045_at	4D	XM_038150	XP_038150	23031	MAST3	microtubule associated serine/threonine kinase 3
213062_at	4D	NM_173474	NP_775745	123803	NTAN1	Nterminal asparagine amidase
213063_at	4D	NM_024824	NP_079100	79882	FLJ11806	nuclear protein UKp68
213073_at	4D	NM_015346	NP_056161	23503	ZFYVE26	zinc finger, FYVE domain containing 26
213078_x_at	4D	NM_153613	NP_705841	254531	LOC254531	PLSC domain containing protein
213084_x_at	4D	NM_000984	NP_000975	6147	RPL23A	ribosomal protein L23a
213092_x_at	4D	NM_015190	NP_056005	23234	DNAJC9	Dnal (Hsp40) homolog, subfamily C, member 9
213122_at	4D	NM_033512	NP_277047	85453	TSPYL5	TSPYlike 5
213129_s_at	4D	NM_004483	NP_004474	2653	GCSH	glycine cleavage system protein H (aminomethyl car
213133_s_at	4D	NM_004483	NP_004474	2653	GCSH	glycine cleavage system protein H (aminomethyl car
213168_at	4D	NM_003111	NP_003102	6670	SP3	Sp3 transcription factor
213190_at	4D	NM_153603	NP_705831	91949	COG7	component of oligomeric golgi complex 7
213203_at	4D	NM_006049	NP_006040	10302	SNAPC5	small nuclear RNA activating complex, polypeptide
213218_at	4D	NM_152736	NP_689949	7741	ZNF187	zinc finger protein 187
213269_at	4D	NM_021045	NP_066383	57209	ZNF248	zinc finger protein 248
213302_at	4D	NM_012393	NP_036525	5198	PFAS	phosphoribosylformylglycinamide synthase (FGAR a
213312_at	4D	NM_020425	NP_065158	57150	C6orf162	chromosome 6 open reading frame 162
213326_at	4D	NM_014231	NP_055046	6843	VAMP1	vesicleassociated membrane protein 1 (synaptobrevi
213340_s_at	4D	NM_207306	NP_997189	57212	K1AA0495	K1AA0495
213349_at	4D	NM_015008	NP_055823	23023	TMCC1	transmembrane and coiledcoil domains 1
213373_s_at	4D	NM_001228	NP_001219	841	CASP8	caspase 8, apoptosisrelated cysteine protease
213378_s_at	4D	NM_004399	NP_004390	1663	DDX11	DEAD/H (AspGluAlaAsp/His) box polypeptide 11 (CHL1
213398_s_at	4D	NM_020195	NP_064580	56948	C14orf124	chromosome 14 open reading frame 124

# APPENDIX D

213402_at	4D	NM_001002836	NP_001002836	126208	LOC126208	hypothetical protein LOC126208
213412_at	4D	NM_014428	NP_055243	27134	TJP3	tight junction protein 3 (zona occludens 3)
213414_s_at	4D	NM_001022	NP_001013	6223	RPS19	ribosomal protein S19
213434_at	4D	NM_194356	NP_919337	2054	EPIM	epimorphin
213437_at	4D	XM_496700	XP_496700	441022	LOC441022	similar to RUN and FYVE domaincontaining 2; Run an
213457_at	4D	NM_004225	NP_004216	9258	MFHAS1	malignant fibrous histiocytoma amplified sequence
213480_at	4D	NM_201994	NP_973723	8674	VAMP4	vesicleassociated membrane protein 4
213483_at	4D	NM_015342	NP_056157	23398	KIAA0073	KIAA0073 protein
213492_at	4D	NM_033150	NP_149162	1280	COL2A1	collagen, type II, alpha 1 (primary osteoarthritis
213501_at	4D	NM_007292	NP_009223	51	ACOX1	acylCoenzyme A oxidase 1, palmitoyl
213506_at	4D	NM_005242	NP_005233	2150	F2RL1	coagulation factor II (thrombin) receptorlike 1
213519_s_at	4D	NM_000426	NP_000417	3908	LAMA2	laminin, alpha 2 (merosin, congenital muscular dys
213523_at	4D	NM_057182	NP_476530	898	CCNE1	cyclin E1
213527_s_at	4D	NM_145271	NP_660314	146542	LOC146542	similar to hypothetical protein MGC13138
213537_at	4D	NM_033554	NP_291032	3113	HLADPA1	major histocompatibility complex, class II, DP alp
213545_x_at	4D	NM_003795	NP_003786	8724	SNX3	sorting nexin 3
213577_at	4D	NM_003129	NP_003120	6713	SQLE	squalene epoxidase
213579_s_at	4D	NM_001429	NP_001420	2033	EP300	E1A binding protein p300
213588_x_at	4D	NM_003973	NP_003964	9045	RPL14	ribosomal protein L14
213592_at	4D	NM_005161	NP_005152	187	AGTRL1	angiotensin II receptorlike 1
213594_x_at	4D	NM_054016	NP_473357	10772	FUSIP1	FUS interacting protein (serinearginine rich) 1
213607_x_at	4D	NM_023018	NP_075394	65220	FLJ13052	NAD kinase
213623_at	4D	NM_007054	NP_008985	11127	KIF3A	kinesin family member 3A
213630_at	4D	XM_374432	XP_374432	392666	LOC392666	similar to KIAA0363
213659_at	4D	NM_007131	NP_009062	7626	ZNF75	zinc finger protein 75 (D8C6)
213666_at	4D	NM_145800	NP_665799	23157	SEPT6	septin 6
213670_x_at	4D	NM_148956	NP_683759	55695	NSUN5	NOL1/NOP2/Sun domain family, member 5
213687_s_at	4D	NM_000996	NP_000987	6165	RPL35A	ribosomal protein L35a
213704_at	4D	NM_004582	NP_004573	5876	RABGGTB	Rab geranylgeranyltransferase, beta subunit
213708_s_at	4D	NM_198205	NP_937848	6945	MLX	MAXlike protein X
213751_at	4D	XM_113978	XP_113978	284352	LOC284352	hypothetical protein LOC284352

# APPENDIX D

213752_at	4D	NM_201628	NP_963922	399563	FLJ43806	hypothetical protein FLJ43806
213786_at	4D	NM_006024	NP_006015	8887	TAX1BP1	Tax1 (human T-cell leukemia virus type 1) binding p
213798_s_at	4D	NM_006367	NP_006358	10487	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)
213799_s_at	4D	NM_080841	NP_543031	5786	PTPRA	protein tyrosine phosphatase, receptor type, A
213811_x_at	4D	NM_003200	NP_003191	6929	TCF3	transcription factor 3 (E2A immunoglobulin enhance
213820_s_at	4D	NM_030574	NP_085051	80765	STARD5	START domain containing 5
213823_at	4D	NM_005523	NP_005514	3207	HOXA11	homeo box A11
213835_x_at	4D	NM_032620	NP_116009	84705	GTPBP3	GTP binding protein 3 (mitochondrial)
213836_s_at	4D	NM_017983	NP_060453	55062	WIP149	WD40 repeat protein Interacting with phospholipid
213846_at	4D	NM_001867	NP_001858	1350	COX7C	cytochrome c oxidase subunit VIIc
213851_at	4D	NM_198563	NP_940965	375346	MGC52022	Similar to RIKEN cDNA 1810038N08 gene
213853_at	4D	NM_181706	NP_859057	120526	ZCSL3	zinc finger, CSL domain containing 3
213889_at	4D	NM_004278	NP_004269	9487	PIGL	phosphatidylinositol glycan, class L
213892_s_at	4D	NM_000485	NP_000476	353	APRT	adenine phosphoribosyltransferase
213902_at	4D	NM_004315	NP_004306	427	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase)
213940_s_at	4D	NM_015033	NP_055848	23048	FNBP1	formin binding protein 1
213969_x_at	4D	NM_000992	NP_000983	6159	RPL29	ribosomal protein L29
213974_at	4D	NM_207517	NP_997400	57188	ADAMTSL3	ADAMTSLike 3
213995_at	4D	NM_001003803	NP_001003803	27109	ATP5S	ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 co
214002_at	4D	NM_079424	NP_524148	4637	MYL6	myosin, light polypeptide 6, alkali, smooth muscle
214003_x_at	4D	NM_001023	NP_001014	6224	RPS20	ribosomal protein S20
214011_s_at	4D	NM_016391	NP_057475	51491	HSPC111	hypothetical protein HSPC111
214014_at	4D	NM_006779	NP_006770	10435	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2
214037_s_at	4D	NM_014008	NP_054727	28952	CXorf37	chromosome X open reading frame 37
214040_s_at	4D	NM_000177	NP_000168	2934	GSN	gelosin (amyloidosis, Finnish type)
214060_at	4D	NM_003143	NP_003134	6742	SSBP1	single stranded DNA binding protein 1
214084_x_at	4D	NM_000265	NP_000256	4687	NCF1	neutrophil cytosolic factor 1 (47kDa, chronic gran
214091_s_at	4D	NM_002084	NP_002075	2878	GPX3	glutathione peroxidase 3 (plasma)
214106_s_at	4D	NM_001500	NP_001491	2762	GMD5	GDPmannose 4,6-dehydratase
214108_at	4D	NM_145114	NP_660089	4149	MAX	MYC associated factor X

# APPENDIX D

214118_x_at	4D	NM_006197	NP_006188	5108	PCM1	pericentriolar material 1
214136_at	4D	NM_015901	NP_056985	25961	NUDT13	nucleix (nucleoside diphosphate linked moiety X)type
214143_x_at	4D	NM_000986	NP_000977	6152	RPL24	ribosomal protein L24
214144_at	4D	NM_004805	NP_004796	5433	POLR2D	polymerase (RNA) II (DNA directed) polypeptide D
214166_at	4D	NM_003000	NP_002991	6390	SDHB	succinate dehydrogenase complex, subunit B, iron s
214170_x_at	4D	NM_000143	NP_000134	2271	FH	fumarate hydratase
214179_s_at	4D	NM_003204	NP_003195	4779	NFE2L1	nuclear factor (erythroidderived 2)like 1
214195_at	4D	NM_000391	NP_000382	1200	TPP1	tripeptidyl peptidase 1
214198_s_at	4D	NM_005137	NP_005128	9993	DGCR2	DiGeorge syndrome critical region gene 2
214210_at	4D	NM_006358	NP_006349	10478	SLC25A17	solute carrier family 25 (mitochondrial carrier; p
214214_s_at	4D	NM_001212	NP_001203	708	C1QBP	complement component 1, q subcomponent binding pro
214224_s_at	4D	NM_006223	NP_006214	5303	PIN4	protein (peptidylprolyl cis/trans isomerase) NIMA
214240_at	4D	NM_015973	NP_057057	51083	GAL	galanin
214285_at	4D	NM_004102	NP_004093	2170	FABP3	fatty acid binding protein 3, muscle and heart (ma
214291_at	4D	NM_000985	NP_000976	6139	RPL17	ribosomal protein L17
214298_x_at	4D	NM_015129	NP_055944	23157	SEPT6	septin 6
214321_at	4D	NM_002514	NP_002505	4856	NOV	nephroblastoma overexpressed gene
214339_s_at	4D	NM_007181	NP_009112	11184	MAP4K1	mitogenactivated protein kinase kinase kina
214347_s_at	4D	NM_000790	NP_000781	1644	DDC	dopa decarboxylase (aromatic L-amino acid decarboxy
214358_at	4D	NM_198834	NP_942131	31	ACACA	acetyl-Coenzyme A carboxylase alpha
214365_at	4D	NM_152263	NP_689476	7170	TPM3	tropomyosin 3
214366_s_at	4D	NM_000698	NP_000689	240	ALOX5	arachidonate 5lipoxygenase
214397_at	4D	NM_015832	NP_056647	8932	MBD2	methy/CpG binding domain protein 2
214427_at	4D	NM_006170	NP_006161	4839	NOL1	nucleolar protein 1, 120kDa
214434_at	4D	XM_048898	XP_048898	259217	HSPA12A	heat shock 70kDa protein 12A
214438_at	4D	NM_021958	NP_068777	3142	HLX1	H2.0like homeo box 1 (Drosophila)
214440_at	4D	NM_000662	NP_000653	9	NAT1	N-acetyltransferase 1 (arylamine N-acetyltransferase
214441_at	4D	NM_005819	NP_005810	10228	STX6	syntaxin 6
214455_at	4D	NM_003526	NP_003517	8347	HIST1H2BC	histone 1, H2bc

# APPENDIX D

214456_x_at	4D	NM_000331	NP_000322	6288	SAAI	serum amyloid A1
214492_at	4D	NM_000337	NP_000328	6444	SGCD	sarcoglycan, delta (35kDa dystrophin-associated gly
214498_at	4D	NM_001672	NP_001663	434	ASIP	agouti signaling protein, nonagouti homolog (mouse)
214507_s_at	4D	NM_014285	NP_055100	23404	EXOSC2	exosome component 2
214508_x_at	4D	NM_183060	NP_898883	1390	CREM	cAMP responsive element modulator
214511_x_at	4D	NM_000566	NP_000557	2209	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD
214525_x_at	4D	NM_014381	NP_055196	27030	MLH3	mutl homolog 3 (E. coli)
214526_x_at	4D	NM_005394				
214539_at	4D	NM_005024	NP_005015	5273	SERPINB10	serine (or cysteine) proteinase inhibitor, clade B
214540_at	4D	NM_003527	NP_003518	8348	HIST1H2BO	histone 1, H2bo
214541_s_at	4D	NM_206854	NP_996736	9444	QKI	quaking homolog, KH domain RNA binding (mouse)
214543_x_at	4D	NM_206853	NP_996735	9444	QKI	quaking homolog, KH domain RNA binding (mouse)
214581_x_at	4D	NM_014452	NP_055267	27242	TNFRSF21	tumor necrosis factor receptor superfamily, member
214585_s_at	4D	NM_022553	NP_072047	6293	VPS52	vacuolar protein sorting 52 (yeast)
214590_s_at	4D	NM_003338	NP_003329	7321	UBE2D1	ubiquitinconjugating enzyme E2D 1 (UBC4/5 homolog,
214606_at	4D	NM_005725	NP_005716	10100	TSPAN2	tetraspan 2
214618_at	4D	NM_003879	NP_003870	8837	CFLAR	CASP8 and FADDlike apoptosis regulator
214626_s_at	4D	NM_198334	NP_938148	23193	GANAB	glucosidase, alpha; neutral AB
214632_at	4D	NM_201279	NP_958436	8828	NRP2	neuropilin 2
214696_at	4D	NM_001001870	NP_001001870	84981	MGC14376	hypothetical protein MGC14376
214705_at	4D	NM_176878	NP_795353	10207	INADL	InaDlike (Drosophila)
214706_at	4D	NM_003454	NP_003445	7752	ZNF200	zinc finger protein 200
214732_at	4D	NM_138473	NP_612482	6667	SP1	Sp1 transcription factor
214772_at	4D	XM_039515	XP_039515	25758	G2	G2 protein
214773_x_at	4D	NM_152902	NP_690866	261726	MGC3794	putative MAPK activating protein
214784_x_at	4D	NM_015171	NP_055986	23214	XPO6	exportin 6
214822_at	4D	NM_021165	NP_066988	57795	K1AA1747	hypothetical protein from clone 24828
214844_s_at	4D	NM_018431	NP_060901	55816	DOK5	docking protein 5
214847_s_at	4D	NM_022107	NP_071390	63940	GPSM3	Gprotein signalling modulator 3 (AGS3like, C.



# APPENDIX D

214853_s_at	4D		NM_003029	NP_003020	6464	SHC1	SHC (Src homology 2 domain containing) transformin
214934_at	4D		NM_198531	NP_940933	374868	ATP9B	ATPase, Class II, type 9B
214954_at	4D		XM_171054	XP_171054	26032	KIAA0527	KIAA0527 protein
214965_at	4D		NM_152339	NP_689552	124044	MGC26885	hypothetical protein MGC26885
214966_at	4D		NM_002088	NP_002079	2901	GRIK5	glutamate receptor, ionotropic, kainate 5
215000_s_at	4D		NM_005102	NP_005093	9637	FEZ2	fasciculation and elongation protein zeta 2 (zyglin
215021_s_at	4D		NM_004796	NP_004787	9369	NRXN3	neurexin 3
215054_at	4D		NM_000121	NP_000112	2057	EPOR	erythropoietin receptor
215093_at	4D		NM_015922	NP_057006	50814	NSDHL	NAD(P) dependent steroid dehydrogenaselike
215109_at	4D		XM_378914	XP_378914	57238	KIAA0492	KIAA0492 protein
215133_s_at	4D		XM_371783	XP_371783	389347	LOC389347	similar to KIAA0752 protein
215136_s_at	4D		NM_181503	NP_852480	11340	EXOSC8	exosome component 8
215159_s_at	4D		NM_023018	NP_075394	65220	FLJ13052	NAD kinase
215181_at	4D		NM_021248	NP_067071	64405	CDH22	cadherinlike 22
215189_at	4D		NM_002284	NP_002275	3892	KRTHB6	keratin, hair, basic, 6 (monilethrix)
215230_x_at	4D		NM_003752	NP_003743	8663	EIF3S8	eukaryotic translation initiation factor 3, subunit
215260_s_at	4D		NM_003200	NP_003191	6929	TCF3	transcription factor 3 (E2A immunoglobulin enhance
215274_at	4D		NM_000339	NP_000330	6559	SLC12A3	solute carrier family 12 (sodium/chloride transpor
215321_at	4D		NM_138290	NP_612147	154661	RPIB9	Rap2binding protein 9
215332_s_at	4D		NM_172101	NP_742099	926	CD8B1	CD8 antigen, beta polypeptide 1 (p37)
215389_s_at	4D		NM_001001430	NP_001001430	7139	TNNT2	tropoin T2, cardiac
215437_x_at	4D		NM_013449	NP_038477	11176	BAZ2A	bromodomain adjacent to zinc finger domain, 2A
215440_s_at	4D		XM_043653	XP_043653	56271	BEXL1	brain expressed Xlinkedlike 1
215493_x_at	4D		NM_007049	NP_008980	11120	BTN2A1	butyrophilin, subfamily 2, member A1
215541_s_at	4D		NM_005219	NP_005210	1729	DIAPH1	diaphanous homolog 1 (Drosophila)
215548_s_at	4D		NM_016106	NP_057190	23256	SCFD1	sec1 family domain containing 1
215599_at	4D		NM_021652	NP_067684	11039	SMA4	SMA4
215606_s_at	4D		NM_178040	NP_829884	23085	RAB6IP2	RAB6 interacting protein 2
215649_s_at	4D		NM_000431	NP_000422	4598	MVK	mevalonate kinase (mevalonic aciduria)
215667_x_at	4D		NM_174930	NP_777590	5383	PMS2L5	postmeiotic segregation increased 2like 5
215708_s_at	4D		NM_000947	NP_000938	5558	PRIM2A	primase, polypeptide 2A, 58kDa

# APPENDIX D

215719_x_at	4D	NM_152874	NP_690613	355	FAS	Fas (TNF receptor superfamily, member 6)
215773_x_at	4D	NM_005484	NP_005475	10038	PARP2	poly (ADPribose) polymerase family, member 2
215806_x_at	4D	NM_001003806	NP_001003806	445347	TARP	TCR gamma alternate reading frame protein
215880_at	4D	NM_000263	NP_000254	4669	NAGLU	Nacetylglucosaminidase, alpha (Sanfilippo disease)
215947_s_at	4D	NM_032822	NP_116211	84908	FLJ14668	hypothetical protein FLJ14668
215952_s_at	4D	NM_004152	NP_004143	4946	OAZ1	ornithine decarboxylase antizyme 1
215983_s_at	4D	NM_005671	NP_005662	7993	DSS2298E	reproduction 8
215984_s_at	4D	NM_003224	NP_003215	10139	ARFRP1	ADPribylation factor related protein 1
216021_s_at	4D	NM_006529	NP_006520	8001	GLRA3	glycine receptor, alpha 3
216034_at	4D	NM_080740	NP_542778	129025	SUHW1	suppressor of hairy wing homolog 1 (Drosophila)
216074_x_at	4D	NM_015238	NP_056053	23286	KIBRA	KIBRA protein
216202_s_at	4D	NM_004863	NP_004854	9517	SPTLC2	serine palmitoyltransferase, long chain base subun
216234_s_at	4D	NM_002730	NP_002721	5566	PRKACA	protein kinase, cAMPdependent, catalytic, alpha
216248_s_at	4D	NM_173171	NP_775263	4929	NR4A2	nuclear receptor subfamily 4, group A, member 2
216252_x_at	4D	NM_152873	NP_690612	355	FAS	Fas (TNF receptor superfamily, member 6)
216254_at	4D	NM_001003828	NP_001003828	29780	PARVB	parvin, beta
216255_s_at	4D	NM_000845	NP_000836	2918	GRM8	glutamate receptor, metabotropic 8
216316_x_at	4D	NM_000167	NP_000158	2710	GK	glycerol kinase
216351_x_at	4D	NM_020420	NP_065153	57135	DAZ4	deleted in azoospermia 4
216360_x_at	4D	NM_015179	NP_055994	23223	KIAA0690	KIAA0690
216388_s_at	4D	NM_181657	NP_858043	1241	LTB4R	leukotriene B4 receptor
216418_at	4D	NM_000033	NP_000024	215	ABCD1	ATPbinding cassette, subfamily D (ALD), member 1
216438_s_at	4D	NM_183049	NP_898870	7117	TMSL3	thymosinlike 3
216503_s_at	4D	NM_004641	NP_004632	8028	MLLT10	myeloid/lymphoid or mixedlineage leukemia (tritor)
216515_x_at	4D	NM_002823	NP_002814	5757	PTMA	prothymosin, alpha (gene sequence 28)
216522_at	4D	NM_012367	NP_036499	26212	OR2B6	olfactory receptor, family 2, subfamily B, member
216733_s_at	4D	NM_001482	NP_001473	2628	GATM	glycine amidinotransferase (L-arginine:glycine amid
216824_at	4D	XM_499457	XP_499457	442711	LOC442711	similar to dJ133P16.1 (ADPribylation factor 1)
216841_s_at	4D	NM_000636	NP_000627	6648	SOD2	superoxide dismutase 2, mitochondrial
216915_s_at	4D	NM_002835	NP_002826	5782	PTPN12	protein tyrosine phosphatase, nonreceptor type 12
216922_x_at	4D	NM_004081	NP_004072	1617	DAZ1	deleted in azoospermia 1

# APPENDIX D

216937_s_at	4D	NM_000330	NP_000321	6247	RS1	retinosis (Xlinked, juvenile) 1
216950_s_at	4D	NM_000566	NP_000557	2209	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD
216962_at	4D	NM_032308	NP_115684	84268	RIP	RPA interacting protein
217014_s_at	4D	NM_001185	NP_001176	563	AZGP1	alpha2glycoprotein 1, zinc
217016_x_at	4D	NM_371680	XP_371680	389177	LOC389177	hypothetical LOC389177
217039_x_at	4D	NM_005229	NP_005220	2002	ELK1	ELK1, member of ETS oncogene family
217094_s_at	4D	NM_031483	NP_113671	83737	ITCH	itchy homolog E3 ubiquitin protein ligase (mouse)
217109_at	4D	NM_004532	NP_004523	4585	MUC4	mucin 4, tracheobronchial
217167_x_at	4D	NM_203391	NP_976325	2710	GK	glycerol kinase
217186_at	4D	NM_003904	NP_003895	8882	ZNF259	zinc finger protein 259
217196_s_at	4D	NM_203459	NP_982284	23271	KIAA1078	KIAA1078 protein
217216_x_at	4D	NM_014381	NP_055196	27030	MLH3	mutl homolog 3 (E. coli)
217299_s_at	4D	NM_002485	NP_002476	4683	NBS1	Nijmegen breakage syndrome 1 (nibrin)
217303_s_at	4D	NM_000025	NP_000016	155	ADRB3	adrenergic, beta3, receptor
217475_s_at	4D	NM_005569	NP_005560	3985	LIMK2	LIM domain kinase 2
217489_s_at	4D	NM_000565	NP_000556	3570	IL6R	interleukin 6 receptor
217491_x_at	4D	NM_001867	NP_001858	1350	COX7C	cytochrome c oxidase subunit VIIc
217492_s_at	4D	NM_000314	NP_000305	5728	PTEN	phosphatase and tensin homolog (mutated in multipl
217499_x_at	4D	NM_497371				
217565_at	4D	NM_007325	NP_015564	2892	GRIA3	glutamate receptor, ionotropic, AMPA 3
217583_at	4D	NM_000277	NP_000268	5053	PAH	phenylalanine hydroxylase
217588_at	4D	NM_172097	NP_742095	117155	CATSPER2	cation channel, sperm associated 2
217631_at	4D	NM_012341	NP_036473	23560	GTPBP4	GTP binding protein 4
217681_at	4D	NM_058238	NP_478679	7477	WNT7B	wingless-type MMTV integration site family, member
217691_x_at	4D	NM_004207	NP_004198	9123	SLC16A3	solute carrier family 16 (monocarboxylic acid tran
217728_at	4D	NM_014624	NP_055439	6277	SI00A6	SI00 calcium binding protein A6 (calyculin)
217732_s_at	4D	NM_021999	NP_068839	9445	ITM2B	integral membrane protein 2B
217733_s_at	4D	NM_021103	NP_066926	9168	TMSB10	thymosin, beta 10
217734_s_at	4D	NM_018031	NP_060501	11180	WDR6	WD repeat domain 6
217738_at	4D	NM_005746	NP_005737	10135	PBEF1	preBcell colony enhancing factor 1
217739_s_at	4D	NM_005746	NP_005737	10135	PBEF1	preBcell colony enhancing factor 1
217743_s_at	4D	NM_018247	NP_060717	55754	TMEM30A	transmembrane protein 30A

# APPENDIX D

217748_at	4D	NM_015999	NP_057083	51094	ADIPOR1	adiponectin receptor 1
217755_at	4D	NM_016185	NP_057269	51155	HN1	hematological and neurological expressed 1
217756_x_at	4D	NM_005770	NP_005761	10169	SERF2	small EDRKrich factor 2
217759_at	4D	NM_017583	NP_060053	54765	TRIM44	tripartite motifcontaining 44
217761_at	4D	NM_018269	NP_060739	55256	MTCBP1	membranetype 1 matrix metalloproteinase cytoplasmic
217763_s_at	4D	NM_006868	NP_006859	11031	RAB31	RAB31, member RAS oncogene family
217764_s_at	4D	NM_006868	NP_006859	11031	RAB31	RAB31, member RAS oncogene family
217766_s_at	4D	NM_014313	NP_055128	23585	SMP1	small membrane protein 1
217768_at	4D	NM_016039	NP_057123	51637	C14orf166	chromosome 14 open reading frame 166
217769_s_at	4D	NM_015932	NP_057016	51371	C13orf12	chromosome 13 open reading frame 12
217773_s_at	4D	NM_002489	NP_002480	4697	NDUFA4	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
217774_s_at	4D	NM_016404	NP_057488	51504	HSPC152	hypothetical protein HSPC152
217782_s_at	4D	NM_004127	NP_004118	2873	GPS1	G protein pathway suppressor 1
217793_at	4D	NM_004218	NP_004209	9230	RAB11B	RAB11B, member RAS oncogene family
217797_at	4D	NM_016406	NP_057490	51506	Ufc1	Ufc1 conjugating enzyme 1
217811_at	4D	NM_016275	NP_057359	51714	SEL1	selenoprotein T
217815_at	4D	NM_007192	NP_009123	11198	SUPT16H	suppressor of Ty 16 homolog (S. cerevisiae)
217818_s_at	4D	NM_005718	NP_005709	10093	ARPC4	actin related protein 2/3 complex, subunit 4, 20kD
217828_at	4D	NM_024755	NP_079031	79811	FLJ13213	hypothetical protein FLJ13213
217831_s_at	4D	NM_016143	NP_057227	55968	NSFL1C	NSFL1 (p97) cofactor (p47)
217834_s_at	4D	NM_006372	NP_006363	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting
217835_x_at	4D	NM_018840	NP_061328	55969	C20orf24	chromosome 20 open reading frame 24
217837_s_at	4D	NM_016079	NP_057163	51652	VPS24	vacuolar protein sorting 24 (yeast)
217838_s_at	4D	NM_016337	NP_057421	51466	EVL	Enah/Vasplike
217871_s_at	4D	NM_002415	NP_002406	4282	MIF	macrophage migration inhibitory factor (glycosylat
217878_s_at	4D	NM_001256	NP_001247	996	CDC27	cell division cycle 27
217881_s_at	4D	NM_001256	NP_001247	996	CDC27	cell division cycle 27
217883_at	4D	NM_015702	NP_056517	27249	C2orf25	chromosome 2 open reading frame 25
217891_at	4D	NM_022744	NP_073581	64755	FLJ13868	hypothetical protein FLJ13868
217896_s_at	4D	NM_024946	NP_079222	80011	NIP30	NEFAinteracting nuclear protein NIP30
217898_at	4D	NM_020154	NP_064539	56851	C15orf24	chromosome 15 open reading frame 24

# APPENDIX D

217902_s_at	4D	NM_004667	NP_004658	8924	HERC2	hct domain and RLD 2
217916_s_at	4D	NM_016623	NP_057707	51571	FAM49B	family with sequence similarity 49, member B
217918_at	4D	NM_014183	NP_054902	83658	DNCL2A	dynein, cytoplasmic, light polypeptide 2A
217926_at	4D	NM_014047	NP_054766	28974	HSPC023	HSPC023 protein
217927_at	4D	NM_014041	NP_054760	28972	SPCS1	signal peptidase complex subunit 1 homolog (S. cer
217940_s_at	4D	NM_018210	NP_060680	55739	FLJ10769	hypothetical protein FLJ10769
217949_s_at	4D	NM_024006	NP_076869	79001	VKORC1	vitamin K epoxide reductase complex, subunit 1
217962_at	4D	NM_018648	NP_061118	55505	NOLA3	nucleolar protein family A, member 3 (H/ACA small
217971_at	4D	NM_021970	NP_068805	8649	MAP2K1IP1	mitogenactivated protein kinase kinase 1 interacti
217977_at	4D	NM_016332	NP_057416	51734	SEPX1	selenoprotein X, 1
217988_at	4D	NM_021178	NP_067001	57820	CCNB1IP1	cyclin B1 interacting protein 1
217994_x_at	4D	NM_017871	NP_060341	54973	FLJ20542	hypothetical protein FLJ20542
217995_at	4D	NM_021199	NP_067022	58472	SQRDL	sulfide quinone reductaselike (yeast)
218001_at	4D	NM_016034	NP_057118	51116	MRPS2	mitochondrial ribosomal protein S2
218005_at	4D	NM_006963	NP_008894	7570	ZNF22	zinc finger protein 22 (KOX 15)
218007_s_at	4D	NM_015920	NP_057004	51065	RPS27L	ribosomal protein S27like
218010_x_at	4D	NM_024299	NP_077275	79144	C20orf149	chromosome 20 open reading frame 149
218022_at	4D	NM_016440	NP_057524	51231	VRK3	vaccinia related kinase 3
218032_at	4D	NM_003498	NP_003489	8303	SNN	stannin
218033_s_at	4D	NM_003498	NP_003489	8303	SNN	stannin
218049_s_at	4D	NM_014078	NP_054797	28998	MRPL13	mitochondrial ribosomal protein L13
218056_at	4D	NM_016561	NP_057645	51283	BFAR	bifunctional apoptosis regulator
218059_at	4D	NM_016096	NP_057180	51123	LOC51123	HSPC038 protein
218061_at	4D	NM_014623	NP_055438	4201	MEA	maleenhanced antigen
218073_s_at	4D	NM_018087	NP_060557	55706	FLJ10407	hypothetical protein FLJ10407
218074_at	4D	NM_016062	NP_057146	51647	CGI128	CGI128 protein
218077_s_at	4D	NM_016598	NP_057682	51304	ZDHC3	zinc finger, DHHC domain containing 3
218081_at	4D	NM_017874	NP_060344	54976	C20orf27	chromosome 20 open reading frame 27
218089_at	4D	NM_015511	NP_056326	25980	C20orf4	chromosome 20 open reading frame 4
218094_s_at	4D	NM_018478	NP_060948	55861	C20orf35	chromosome 20 open reading frame 35
218096_at	4D	NM_018361	NP_060831	55326	AGPAT5	acylglycerol3phosphate Oacyltransferase 5 (lysoph

# APPENDIX D

218098_at	4D	NM_006420	NP_006411	10564	ARFGEF2	ADPriboylation factor guanine nucleotideexchange
218099_at	4D	NM_018469	NP_060939	55852	HT008	uncharacterized hypothalamus protein HT008
218101_s_at	4D	NM_004549	NP_004540	4718	NDUFC2	NADH dehydrogenase (ubiquinone) 1, subcomplex unkn
218104_at	4D	NM_017746	NP_060216	54881	TEX10	testis expressed sequence 10
218115_at	4D	NM_018154	NP_060624	55723	ASF1B	ASF1 antisilencing function 1 homolog B (S. cerevi
218116_at	4D	NM_016520	NP_057604	51759	C9orf78	chromosome 9 open reading frame 78
218117_at	4D	NM_014248	NP_055063	9978	RBX1	ringbox 1
218118_s_at	4D	NM_006327	NP_006318	10431	TIMM23	translocase of inner mitochondrial membrane 23 hom
218123_at	4D	NM_017835	NP_060305	56683	C21orf59	chromosome 21 open reading frame 59
218132_s_at	4D	NM_024075	NP_076980	79042	LENG5	leukocyte receptor cluster (LRC) member 5
218133_s_at	4D	NM_021824	NP_068596	60491	NIF3L1	NIF3 NGG1 interacting factor 3like 1 (S. pombe)
218140_x_at	4D	NM_021203	NP_067026	58477	SRPRB	signal recognition particle receptor, B subunit
218150_at	4D	NM_012097	NP_036229	26225	ARL5	ADPriboylation factorlike 5
218171_at	4D	NM_004869	NP_004860	9525	VPS4B	vacuolar protein sorting 4B (yeast)
218190_s_at	4D	NM_013387	NP_037519	29796	HSPC051	ubiquinolecyochrome c reductase complex (7.2 kD)
218196_at	4D	NM_014028	NP_054747	28962	OSTM1	osteopetrosis associated transmembrane protein 1
218199_s_at	4D	NM_022917	NP_075068	65083	NOL6	nucleolar protein family 6 (RNAassociated)
218210_at	4D	NM_024619	NP_078895	79672	FN3KRP	fructosamine3kinaserealted protein
218213_s_at	4D	NM_014206	NP_055021	746	C11orf10	chromosome 11 open reading frame 10
218219_s_at	4D	NM_018697	NP_061167	55915	LANCL2	LanC lantibiotic synthetase component Clike 2 (bac
218226_s_at	4D	NM_004547	NP_004538	4710	NDUFB4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
218229_s_at	4D	NM_017542	NP_060012	57645	POGK	pogo transposable element with KRAB domain
218233_s_at	4D	NM_017601				
218244_at	4D	NM_017948	NP_060418	55035	NOL8	nucleolar protein 8
218249_at	4D	NM_022494	NP_071939	64429	ZDHHC6	zinc finger, DHHHC domain containing 6
218255_s_at	4D	NM_022452	NP_071897	64319	FBS1	fibrosin 1
218258_at	4D	NM_015972	NP_057056	51082	POLR1D	polymerase (RNA) I polypeptide D, 16kDa
218263_s_at	4D	NM_021211	NP_067034	58486	LOC58486	transposonderived BusterI transposase-like protein



# APPENDIX D

218264_at	4D	NM_016567	NP_057651	56647	BCCIP	BRCA2 and CDKN1A interacting protein
218270_at	4D	NM_024540	NP_078816	79590	MRPL24	mitochondrial ribosomal protein L24
218283_at	4D	NM_016305	NP_057389	51188	SS18L2	synovial sarcoma translocation gene on chromosome
218285_s_at	4D	NM_020139	NP_064524	56898	DHRS6	dehydrogenase/reductase (SDR family) member 6
218286_s_at	4D	NM_014245	NP_055060	9616	RNF7	ring finger protein 7
218291_at	4D	NM_014017	NP_054736	28956	MAPBP1P	mitogenactivated proteinbinding proteininteracting
218292_s_at	4D	NM_016203	NP_057287	51422	PRKAG2	protein kinase, AMPactivated, gamma 2 noncatalytic
218295_s_at	4D	NM_007172	NP_009103	10762	NUP50	nucleoporin 50kDa
218297_at	4D	NM_024948	NP_079224	80013	C10orf97	chromosome 10 open reading frame 97
218302_at	4D	NM_018468				
218309_at	4D	NM_018584	NP_061054	55450	CaMKIIInalpha	calcium/calmodulindependent protein kinase II
218315_s_at	4D	NM_016408	NP_057492	51654	CDK5RAP1	CDK5 regulatory subunit associated protein 1
218316_at	4D	NM_012460	NP_036592	26520	TIMM9	translocase of inner mitochondrial membrane 9 homo
218319_at	4D	NM_020651	NP_065702	57162	PEL11	pellino homolog 1 (Drosophila)
218324_s_at	4D	NM_023071	NP_075559	65244	SPATS2	spermatogenesis associated, serinerich 2
218328_at	4D	NM_016035	NP_057119	51117	COQ4	coenzyme Q4 homolog (yeast)
218332_at	4D	NM_018476	NP_060946	55859	BEX1	brain expressed, Xlinked 1
218336_at	4D	NM_012394	NP_036526	5202	PFDN2	prefoldin 2
218337_at	4D	NM_022749	NP_073586	64760	RAI16	retinoic acid induced 16
218349_s_at	4D	NM_017975	NP_060445	55055	FLJ10036	Zwilleh
218356_at	4D	NM_013393	NP_037525	29960	FTSJ2	FtsJ homolog 2 (E. coli)
218357_s_at	4D	NM_012459	NP_036591	26521	TIMM8B	translocase of inner mitochondrial membrane 8 homo
218363_at	4D	NM_018199	NP_060669	55218	C14orf114	chromosome 14 open reading frame 114
218366_x_at	4D	NM_022734	NP_073571	64745	FLJ20859	FLJ20859 gene
218374_s_at	4D	NM_020374	NP_065107	57102	C12orf4	chromosome 12 open reading frame 4
218375_at	4D	NM_024047	NP_076952	53343	NUDT19	nudix (nucleoside diphosphate linked moiety X)type
218378_s_at	4D	NM_024653	NP_078929	79706	PRKRIP1	PRKR interacting protein 1 (IL11 inducible)
218379_at	4D	NM_016090	NP_057174	10179	RBM7	RNA binding motif protein 7
218401_s_at	4D	NM_012482	NP_036614	23528	ZNF281	zinc finger protein 281
218404_at	4D	NM_013322	NP_037454	29887	SNX10	sorting nexin 10

# APPENDIX D

218427_at	4D	NM_006643	NP_006634	10807	SDCCAG3	serologically defined colon cancer antigen 3
218438_s_at	4D	NM_025205	NP_079481	80306	MED28	mediator of RNA polymerase II transcription, subunit
218440_at	4D	NM_020166	NP_064551	56922	MCCC1	methylecrotonoylCoenzyme A carboxylase 1 (alpha)
218441_s_at	4D	NM_015540	NP_056355	26015	RPAP1	RNA polymerase II associated protein 1
218447_at	4D	NM_020188	NP_064573	56942	DC13	DC13 protein
218449_at	4D	NM_018359	NP_060829	55325	FLJ11200	hypothetical protein FLJ11200
218451_at	4D	NM_022842	NP_073753	64866	CDCP1	CUB domaincontaining protein 1
218454_at	4D	NM_024829	NP_079105	79887	FLJ22662	hypothetical protein FLJ22662
218455_at	4D	NM_021100	NP_066923	9054	NFS1	NFS1 nitrogen fixation 1 (S. cerevisiae)
218460_at	4D	NM_017802	NP_060272	54919	FLJ20397	hypothetical protein FLJ20397
218461_at	4D	NM_016301	NP_057385	51184	MGC14560	protein x 0004
218463_s_at	4D	NM_025128	NP_079404	80198	MUS81	MUS81 endonuclease homolog (yeast)
218467_at	4D	NM_020232	NP_064617	56984	TNFSF5IP1	tumor necrosis factor superfamily, member 5induced
218470_at	4D	NM_015936	NP_057020	51067	CGI04	CGI04 protein
218471_s_at	4D	NM_024649	NP_078925	582	BBS1	BardetBiedl syndrome 1
218481_at	4D	NM_020158	NP_064543	56915	EXOSC5	exosome component 5
218483_s_at	4D	NM_020153	NP_064538	56912	FLJ21827	hypothetical protein FLJ21827
218490_s_at	4D	NM_018443	NP_060913	55900	ZNF302	zinc finger protein 302
218495_at	4D	NM_004182	NP_004173	8409	UXT	ubiquitouslyexpressed transcript
218502_s_at	4D	NM_014112	NP_054831	7227	TRPS1	trichorhinophalangeal syndrome 1
218512_at	4D	NM_018256	NP_060726	55759	WDR12	WD repeat domain 12
218514_at	4D	NM_018149	NP_060619	55181	FLJ10587	hypothetical protein FLJ10587
218515_at	4D	NM_016631	NP_057715	94104	C21orf66	chromosome 21 open reading frame 66
218526_s_at	4D	NM_014185				
218527_at	4D	NM_017692	NP_060162	54840	APT-X	aprataxin
218531_at	4D	NM_025124	NP_079400	80194	FLJ21749	hypothetical protein FLJ21749
218538_s_at	4D	NM_020662	NP_065713	57380	MRS2L	MRS2like, magnesium homeostasis factor (S. cerevis)
218552_at	4D	NM_018281	NP_060751	55268	ECHDC2	enoyl Coenzyme A hydratase domain containing 2
218555_at	4D	NM_013366	NP_037498	29882	ANAPC2	anaphase promoting complex subunit 2
218559_s_at	4D	NM_005461	NP_005452	9935	MAFB	MAFB v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)

# APPENDIX D

218561_s_at	4D	NM_020408	NP_065141	57128	C6orf149	chromosome 6 open reading frame 149
218562_s_at	4D	NM_018202	NP_060672	55219	FLJ10747	hypothetical protein FLJ10747
218571_s_at	4D	NM_014169	NP_054888	29082	C14orf123	chromosome 14 open reading frame 123
218575_at	4D	NM_022662	NP_073153	64682	ANAPC1	anaphase promoting complex subunit 1
218578_at	4D	NM_024529	NP_078805	79577	HRPT2	hyperparathyroidism 2 (with jaw tumor)
218579_s_at	4D	NM_021931	NP_068750	60625	DHX35	DEAH (AspGluAlaHis) box polypeptide 35
218581_at	4D	NM_022060	NP_071343	63874	ABHD4	abhydrolase domain containing 4
218588_s_at	4D	NM_018691	NP_061161	10827	C5orf3	chromosome 5 open reading frame 3
218590_at	4D	NM_021830	NP_068602	56652	PEO1	progressive external ophthalmoplegia 1
218594_at	4D	NM_018072				
218601_at	4D	NM_017920	NP_060390	55665	URG4	upregulated gene 4
218604_at	4D	NM_014319	NP_055134	23592	LEMD3	LEM domain containing 3
218605_at	4D	NM_022366	NP_071761	64216	TFB2M	transcription factor B2, mitochondrial
218607_s_at	4D	NM_018115	NP_060585	55153	SDAD1	SDA1 domain containing 1
218609_s_at	4D	NM_001161	NP_001152	318	NUDT2	nudix (nucleoside diphosphate linked moiety X)type
218627_at	4D	NM_018370	NP_060840	55332	FLJ11259	hypothetical protein FLJ11259
218629_at	4D	NM_005631	NP_005622	6608	SMO	smoothened homolog (Drosophila)
218631_at	4D	NM_021732	NP_068378	60370	AVP11	arginine vasopressininduced 1
218633_x_at	4D	NM_018394	NP_060864	55347	ABHD10	abhydrolase domain containing 10
218641_at	4D	NM_023941				
218642_s_at	4D	NM_024300	NP_077276	79145	CHCHD7	coiledcoilhelixcoiledcoilhelix domain containing 7
218643_s_at	4D	NM_014171	NP_054890	9419	CRIP1	postsynaptic protein CRIP1
218646_at	4D	NM_017867	NP_060337	54969	FLJ20534	hypothetical protein FLJ20534
218648_at	4D	NM_022769	NP_073606	64784	TORC3	transducer of regulated cAMP response elementbindi
218650_at	4D	NM_022775				
218654_s_at	4D	NM_016071	NP_057155	51650	MRPS33	mitochondrial ribosomal protein S33
218661_at	4D	NM_024845	NP_079121	79903	FLJ14154	hypothetical protein FLJ14154
218669_at	4D	NM_021183	NP_067006	57826	RAP2C	RAP2C, member of RAS oncogene family
218671_s_at	4D	NM_016311	NP_057395	93974	ATPIF1	ATPase inhibitory factor 1
218674_at	4D	NM_024941	NP_079217	80006	FLJ13611	hypothetical protein FLJ13611
218684_at	4D	NM_018103	NP_060573	55144	LRRCS	leucine rich repeat containing 5
218699_at	4D	NM_003929	NP_003920	8334	RAB7L1	RAB7, member RAS oncogene familylike 1

# APPENDIX D

218701_at	4D	NM_016027	NP_057111	51110	LACTB2	lactamase, beta 2
218708_at	4D	NM_013248	NP_037380	29107	NXT1	NTF2like export factor 1
218715_at	4D	NM_018428	NP_060898	55813	HCA66	hepatocellular carcinomaassociated antigen 66
218717_s_at	4D	NM_018192	NP_060662	55214	LEPREL1	lepecanlike 1
218722_s_at	4D	NM_024661	NP_078937	79714	FLJ12436	hypothetical protein FLJ12436
218729_at	4D	NM_020169	NP_064554	56925	LXN	latexin
218735_s_at	4D	NM_014480	NP_055295	27300	ZNF544	zinc finger protein 544
218738_s_at	4D	NM_016271	NP_057355	51444	RNF138	ring finger protein 138
218741_at	4D	NM_024053	NP_076958	79019	C2orf18	chromosome 22 open reading frame 18
218745_x_at	4D	NM_017814	NP_060284	54929	FLJ20422	hypothetical protein FLJ20422
218753_at	4D	NM_018053	NP_060523	55113	FLJ10307	hypothetical protein FLJ10307
218754_at	4D	NM_024654	NP_078930	79707	FLJ23323	hypothetical protein FLJ23323
218760_at	4D	NM_015940				
218770_s_at	4D	NM_018056	NP_060526	55116	TMEM39B	transmembrane protein 39B
218773_s_at	4D	NM_012228	NP_036360	22921	MSRB2	methionine sulfoxide reductase B2
218793_s_at	4D	NM_006746	NP_006737	6322	SCML1	sex comb on midleglike 1 (Drosophila)
218794_s_at	4D	NM_017853	NP_060323	54957	TXNL4B	thioredoxinlike 4B
218807_at	4D	NM_006113	NP_006104	10451	VAV3	vav 3 oncogene
218811_at	4D	NM_032831	NP_116220	80228	C7orf19	chromosome 7 open reading frame 19
218812_s_at	4D	NM_025156				
218822_s_at	4D	NM_024663	NP_078939	79716	NPEPL1	aminopeptidaselike 1
218828_at	4D	NM_020360	NP_065093	57048	PLSCR3	phospholipid scramblase 3
218838_s_at	4D	NM_022492	NP_071937	64427	FLJ12788	hypothetical protein FLJ12788
218851_s_at	4D	NM_018383	NP_060853	55339	WDR33	WD repeat domain 33
218865_at	4D	NM_022746	NP_073583	64757	FLJ22390	hypothetical protein FLJ22390
218879_s_at	4D	NM_022764	NP_073601	64779	FLJ12998	hypothetical protein FLJ12998
218880_at	4D	NM_005253	NP_005244	2355	FOSL2	FOSlike antigen 2
218882_s_at	4D	NM_006784	NP_006775	10885	WDR3	WD repeat domain 3
218883_s_at	4D	NM_024629	NP_078905	79682	MLF1IP	MLF1 interacting protein
218890_x_at	4D	NM_016622	NP_057706	51318	MRPL35	mitochondrial ribosomal protein L35
218905_at	4D	NM_017864	NP_060334	55656	FLJ20530	hypothetical protein FLJ20530
218910_at	4D	NM_018075	NP_060545	55129	FLJ10375	hypothetical protein FLJ10375
218919_at	4D	NM_024699	NP_078975	79752	FLJ14007	hypothetical protein FLJ14007
218924_s_at	4D	NM_004388	NP_004379	1486	CTBS	chitinase, diNacetyl

# APPENDIX D

218926_at	4D	NM_018657	NP_061127	55892	MYNN	myoneurin
218939_at	4D	NM_012318	NP_036450	3954	LETM1	leucine zipperEFhand containing transmembrane prot
218942_at	4D	NM_024779	NP_079055	79837	PIP5K2C	phosphatidylinositol4phosphate 5kinase, type II, g
218949_s_at	4D	NM_018292	NP_060762	55278	QRSL1	glutaminyltRNA synthase (glutaminehydrolyzing)like
218953_s_at	4D	NM_024028	NP_076933	78991	MGC3265	hypothetical protein MGC3265
218968_s_at	4D	NM_018197	NP_060667	55734	ZFP64	zinc finger protein 64 homolog (mouse)
218978_s_at	4D	NM_018586				
218981_at	4D	NM_020186	NP_064571	57001	ACN9	ACN9 homolog (S. cerevisiae)
218982_s_at	4D	NM_015969	NP_057053	51373	MRPS17	mitochondrial ribosomal protein S17
218984_at	4D	NM_019042	NP_061915	54517	FLJ20485	hypothetical protein FLJ20485
218986_s_at	4D	NM_017631	NP_060101	55601	FLJ20035	hypothetical protein FLJ20035
218993_at	4D	NM_018146	NP_060616	55178	RNMTL1	RNA methyltransferase like 1
218999_at	4D	NM_018295	NP_060765	55281	FLJ11000	hypothetical protein FLJ11000
219006_at	4D	NM_014165	NP_054884	29078	C6orf66	chromosome 6 open reading frame 66
219007_at	4D	NM_024647	NP_078923	348995	NUP43	nucleoporin 43kDa
219024_at	4D	NM_021622	NP_067635	59338	PLEKHA1	pleckstrin homology domain containing, family A (p
219027_s_at	4D	NM_006901	NP_008832	4649	MYO9A	myosin IXA
219030_at	4D	NM_016058	NP_057142	51002	CG1121	CG1121 protein
219032_x_at	4D	NM_014322	NP_055137	23596	OPN3	opsin 3 (encephalopsin, panopsin)
219033_at	4D	NM_024615	NP_078891	79668	PARP8	poly (ADPribose) polymerase family, member 8
219034_at	4D	NM_017851	NP_060321	54956	PARP16	poly (ADPribose) polymerase family, member 16
219037_at	4D	NM_016052	NP_057136	51018	CG1115	CG1115 protein
219040_at	4D	NM_024535	NP_078811	79585	CORO7	coronin 7
219053_s_at	4D	NM_017966	NP_060436	55048	VPS37C	vacuolar protein sorting 37C (yeast)
219054_at	4D	NM_024563	NP_078839	79614	FLJ14054	hypothetical protein FLJ14054
219056_at	4D	NM_024570	NP_078846	79621	FLJ11712	hypothetical protein FLJ11712
219066_at	4D	NM_021823	NP_068595	60490	MDS018	hypothetical protein MDS018
219067_s_at	4D	NM_017615	NP_060085	54780	C10orf86	chromosome 10 open reading frame 86
219069_at	4D	NM_017704	NP_060174	54851	FGIF	fetal globlinducing factor
219079_at	4D	NM_016230	NP_057314	51167	NCB5OR	NADPH cytochrome B5 oxidoreductase
219093_at	4D	NM_017933	NP_060403	55022	FLJ20701	hypothetical protein FLJ20701

# APPENDIX D

219096_at	4D	NM_024585	NP_078861	79637	ARMC7	armadillo repeat containing 7
219099_at	4D	NM_020375	NP_065108	57103	C12orf5	chromosome 12 open reading frame 5
219104_at	4D	NM_016422	NP_057506	50862	RNF141	ring finger protein 141
219108_x_at	4D	NM_017895	NP_060365	55661	DDX27	DEAD (AspGluAlaAsp) box polypeptide 27
219111_s_at	4D	NM_024072	NP_076977	79039	DDX54	DEAD (AspGluAlaAsp) box polypeptide 54
219119_at	4D	NM_016200	NP_057284	51691	LSM8	LSM8 homolog, U6 small nuclear RNA associated (S.
219121_s_at	4D	NM_017697	NP_060167	54845	FLJ20171	hypothetical protein FLJ20171
219123_at	4D	NM_014519	NP_055334	7775	ZNF232	zinc finger protein 232
219127_at	4D	NM_024320	NP_077296	79170	MGC11242	hypothetical protein MGC11242
219128_at	4D	NM_017880	NP_060350	54980	FLJ20558	hypothetical protein FLJ20558
219130_at	4D	NM_019083	NP_061956	54482	FLJ10287	hypothetical protein FLJ10287
219133_at	4D	NM_017897	NP_060367	54995	FLJ20604	hypothetical protein FLJ20604
219146_at	4D	NM_024683	NP_078959	79736	FLJ22729	hypothetical protein FLJ22729
219149_x_at	4D	NM_016216	NP_057300	51163	DBR1	debranching enzyme homolog 1 (S. cerevisiae)
219151_s_at	4D	NM_007081	NP_009012	11158	RABL2B	RAB, member of RAS oncogene familylike 2B
219152_at	4D	NM_015720	NP_056535	50512	PODXL2	podocalyxinlike 2
219156_at	4D	NM_018373	NP_060843	55333	SYNJ2BP	synaptojanin 2 binding protein
219157_at	4D	NM_007246	NP_009177	11275	KLHL2	kelchlike 2, Mayven (Drosophila)
219162_s_at	4D	NM_016050	NP_057134	65003	MRPL11	mitochondrial ribosomal protein L11
219171_s_at	4D	NM_007345	NP_031371	7776	ZNF236	zinc finger protein 236
219172_at	4D	NM_024954	NP_079230	80019	UBTD1	ubiquitin domain containing 1
219176_at	4D	NM_024520	NP_078796	79568	FLJ22555	hypothetical protein FLJ22555
219183_s_at	4D	NM_013385	NP_037517	27128	PSCD4	pleckstrin homology, Sec7 and coiledcoil domains 4
219190_s_at	4D	NM_017629	NP_060099	192670	EIF2C4	eukaryotic translation initiation factor 2C, 4
219192_at	4D	NM_018449	NP_060919	55833	UBAP2	ubiquitin associated protein 2
219209_at	4D	NM_022168	NP_071451	64135	IFIH1	interferon induced with helicase C domain 1
219210_s_at	4D	NM_016530	NP_057614	51762	RAB8B	RAB8B, member RAS oncogene family
219220_x_at	4D	NM_020191	NP_064576	56945	MRPS22	mitochondrial ribosomal protein S22
219228_at	4D	NM_018555	NP_061025	55422	ZNF331	zinc finger protein 331
219233_s_at	4D	NM_018530	NP_061000	55876	GSDML	gasderminlike
219234_x_at	4D	NM_024583	NP_078859	79634	SCRN3	secernin 3
219242_at	4D	NM_025180	NP_079456	80254	Cep63	centrosome protein Cep63



# APPENDIX D

219243_at	4D	NM_018326	NP_060796	55303	GIMAP4	GTPase, IMAP family member 4
219244_s_at	4D	NM_022163	NP_071446	26589	MRPL46	mitochondrial ribosomal protein L46
219248_at	4D	NM_025264	NP_079540	80745	THUMPDP2	THUMP domain containing 2
219266_at	4D	NM_021632	NP_067645	59348	ZNF350	zinc finger protein 350
219269_at	4D	NM_024567	NP_078843	79618	FLJ21616	hypothetical protein FLJ21616
219276_x_at	4D	NM_024828	NP_079104	79886	C9orf82	chromosome 9 open reading frame 82
219279_at	4D	NM_017718				
219292_at	4D	NM_018105	NP_060575	55145	THAP1	THAP domain containing, apoptosis associated prote
219305_x_at	4D	NM_012168	NP_036300	26232	FBXO2	Fbox protein 2
219312_s_at	4D	NM_023929	NP_076418	65986	ZBTB10	zinc finger and BTB domain containing 10
219318_x_at	4D	NM_016060	NP_057144	51003	MED31	mediator of RNA polymerase II transcription, subun
219329_s_at	4D	NM_016085	NP_057169	51374	C2orf28	chromosome 2 open reading frame 28
219330_at	4D	NM_024062				
219336_s_at	4D	NM_015947	NP_057031	51008	ASCC1	activating signal cointegrator 1 complex subunit 1
219345_at	4D	NM_016074	NP_057158	51027	CGH143	CGH143 protein
219356_s_at	4D	NM_016410	NP_057494	51510	SNF7DC2	SNF7 domain containing 2
219363_s_at	4D	NM_015942	NP_057026	51001	CGH12	CGH12 protein
219367_s_at	4D	NM_018534	NP_061004	8828	NRP2	neuropilin 2
219373_at	4D	NM_018973	NP_061846	54344	DPM3	dolichylphosphate mannosyltransferase polypeptide
219377_at	4D	NM_022751	NP_073588	64762	C18orf11	chromosome 18 open reading frame 11
219378_at	4D	NM_024561	NP_078837	79612	NARG1L	NMDA receptor regulated 1like
219397_at	4D	NM_025147	NP_079423	80219	FLJ13448	hypothetical protein FLJ13448
219398_at	4D	NM_022094	NP_071377	63924	CIDEA	cell deathinducing DFFAlike effector c
219410_at	4D	NM_018004	NP_060474	55076	TMEM45A	transmembrane protein 45A
219419_at	4D	NM_024805	NP_079081	79863	C18orf22	chromosome 18 open reading frame 22
219434_at	4D	NM_018643	NP_061113	54210	TREM1	triggering receptor expressed on myeloid cells 1
219436_s_at	4D	NM_016242	NP_057326	51705	EMCN	endomucin
219442_at	4D	NM_024048	NP_076953	79014	MGC3020	hypothetical protein MGC3020
219451_at	4D	NM_016064				
219459_at	4D	NM_018082	NP_060552	55703	POLR3B	polymerase (RNA) III (DNA directed) polypeptide B
219467_at	4D	NM_017676	NP_060146	54826	FLJ20125	hypothetical protein FLJ20125

# APPENDIX D

219473_at	4D	NM_017686	NP_060156	54834	GDAP2	ganglioside induced differentiation associated pro
219476_at	4D	NM_024115				
219482_at	4D	NM_017438	NP_059134	54093	C21orf18	chromosome 21 open reading frame 18
219487_at	4D	NM_024685	NP_078961	79738	FLJ23560	hypothetical protein FLJ23560
219492_at	4D	NM_012110	NP_036242	26511	CHIC2	cysteine-rich hydrophobic domain 2
219498_s_at	4D	NM_018014	NP_060484	53335	BCL11A	Bcell CLL/lymphoma 11A (zinc finger protein)
219503_s_at	4D	NM_018306	NP_060776	55287	TMEM40	transmembrane protein 40
219504_s_at	4D	NM_024813	NP_079089	79871	FLJ13150	hypothetical protein FLJ13150
219516_at	4D	NM_021625	NP_067638	59341	TRPV4	transient receptor potential cation channel, subfa
219526_at	4D	NM_024644	NP_078920	79697	C14orf169	chromosome 14 open reading frame 169
219540_at	4D	NM_003414	NP_003405	10308	ZNF267	zinc finger protein 267
219544_at	4D	NM_024808	NP_079084	79866	FLJ22624	FLJ22624 protein
219549_s_at	4D	NM_006054	NP_006045	10313	RTN3	reticulon 3
219581_at	4D	NM_025265	NP_079541	80746	SEN2L	likely homolog of yeast SEN2
219590_x_at	4D	NM_015958	NP_057042	51611	CGI30	CGI30 protein
219594_at	4D	NM_016533	NP_057617	4815	NINJ2	ninjulin 2
219598_s_at	4D	NM_016104	NP_057188	51389	RWDD1	RWD domain containing 1
219607_s_at	4D	NM_024021	NP_076926	51338	MS4A4A	membranespanning 4domains, subfamily A, member 4
219611_s_at	4D	NM_022778	NP_073615	64793	DKFZP434L0117	hypothetical protein DKFZp434L0117
219613_s_at	4D	NM_016539	NP_057623	51548	SIRT6	sirtuin (silent mating type information regulation
219631_at	4D	NM_024937				
219641_at	4D	NM_017996	NP_060466	55070	DET1	deetiolated homolog 1 (Arabidopsis)
219644_at	4D	NM_016122	NP_057206	51134	NYREN58	NYREN58 antigen
219647_at	4D	NM_022135	NP_071418	64091	POPD2	popeye domain containing 2
219651_at	4D	NM_018189	NP_060659	55211	DPPA4	developmental pluripotency associated 4
219653_at	4D	NM_014054				
219656_at	4D	NM_016580	NP_057664	51294	PCDH12	protocadherin 12
219657_s_at	4D	NM_016531	NP_057615	51274	KLF3	Kruppelliike factor 3 (basic)
219681_s_at	4D	NM_025151	NP_079427	80223	RAB11FIP1	RAB11 family interacting protein 1 (class I)
219690_at	4D	NM_024660	NP_078936	79713	FLJ22573	hypothetical protein FLJ22573
219700_at	4D	NM_020405	NP_065138	57125	PLXDC1	plexin domain containing 1
219717_at	4D	NM_017741	NP_060211	54876	FLJ20280	hypothetical protein FLJ20280

# APPENDIX D

219724_s_at	4D	NM_014796				
219734_at	4D	NM_017699	NP_060169	54847	SIDT1	SID1 transmembrane family, member 1
219737_s_at	4D	NM_020403	NP_065136	5101	PCDH9	protocadherin 9
219741_x_at	4D	NM_024762	NP_079038	79818	ZNF552	zinc finger protein 552
219751_at	4D	NM_024860	NP_079136	79918	FLJ21148	hypothetical protein FLJ21148
219762_s_at	4D	NM_015414	NP_056229	25873	RPL36	ribosomal protein L36
219765_at	4D	NM_024620	NP_078896	79673	FLJ12586	hypothetical protein FLJ12586
219766_at	4D	NM_030578	NP_085055	80776	MGC4093	hypothetical protein MGC4093
219767_s_at	4D	NM_005111	NP_005102	9946	CRYZL1	crystallin, zeta (quinone reductase)like 1
219768_at	4D	NM_024626	NP_078902	79679	B7H4	immune costimulatory protein B7H4
219770_at	4D	NM_024659	NP_078935	79712	GTDCl	glycosyltransferaselike domain containing 1
219774_at	4D	NM_019044	NP_061917	54520	FLJ10996	hypothetical protein FLJ10996
219787_s_at	4D	NM_018098	NP_060568	1894	ECT2	epithelial cell transforming sequence 2 oncogene
219788_at	4D	NM_013439	NP_038467	29992	PILRA	paired immunoglobulinlike type 2 receptor alpha
219806_s_at	4D	NM_020179	NP_064564	56935	FN5	FN5 protein
219810_at	4D	NM_025054	NP_079330	80124	VCIP135	valosincontaining protein (p97)/p47 complexinterac
219817_at	4D	NM_016534	NP_057618	51275	FLJ39616	apoptosisrelated protein PNAS1
219818_s_at	4D	NM_018025	NP_060495	55094	GPATC1	G patch domain containing 1
219819_s_at	4D	NM_014018	NP_054737	28957	MRPS28	mitochondrial ribosomal protein S28
219822_at	4D	NM_004294	NP_004285	9617	MTRF1	mitochondrial translational release factor 1
219846_at	4D	NM_025174				
219849_at	4D	NM_024833	NP_079109	79891	FLJ23506	hypothetical protein FLJ23506
219854_at	4D	NM_021030	NP_066358	7561	ZNF14	zinc finger protein 14 (KOX 6)
219859_at	4D	NM_014358	NP_055173	26253	CLEC4E	Ctype lectin domain family 4, member E
219862_s_at	4D	NM_012336	NP_036468	26502	NARF	nuclear prelamin A recognition factor
219870_at	4D	NM_024997	NP_079273	80063	ATF7IP2	activating transcription factor 7 interacting prot
219877_at	4D	NM_024645	NP_078921	79698	FLJ13842	hypothetical protein FLJ13842
219879_s_at	4D	NM_024032	NP_076937	78995	MGC3130	hypothetical protein MGC3130
219890_at	4D	NM_013252	NP_037384	23601	CLEC5A	Ctype lectin domain family 5, member A
219901_at	4D	NM_018351	NP_060821	55785	FGD6	FYVE, RhoGEF and PH domain containing 6
219922_s_at	4D	NM_021070	NP_066548	4054	LTBP3	latent transforming growth factor beta binding pro
219933_at	4D	NM_016066	NP_057150	51022	GLRX2	glutaredoxin 2
219947_at	4D	NM_016184	NP_057268	50856	CLEC4A	Ctype lectin domain family 4, member A

# APPENDIX D

219953_s_at	4D	NM_020642	NP_065693	56672	CI1orf17	chromosome 11 open reading frame 17
219956_at	4D	NM_007210	NP_009141	11226	GALNT6	UDP-Nacetyl-alpha-D-galactosamine:polypeptide Nacetyl
219962_at	4D	NM_021804	NP_068576	59272	ACE2	angiotensin I converting enzyme (peptidyl dipeptidase)
219971_at	4D	NM_021798	NP_068570	50615	IL21R	interleukin 21 receptor
219997_s_at	4D	NM_022730	NP_073567	64708	COP57B	COP9 constitutive photomorphogenic homolog subunit
219998_at	4D	NM_014181	NP_054900	29094	HSPC159	HSPC159 protein
219999_at	4D	NM_018621				
220000_at	4D	NM_003830	NP_003821	8778	SIGLEC5	sialic acid binding Ig-like lectin 5
220001_at	4D	NM_012387	NP_036519	23569	PADI4	peptidyl arginine deiminase, type IV
220012_at	4D	NM_019891	NP_063944	56605	ERO1LB	ERO1-like beta (S. cerevisiae)
220027_s_at	4D	NM_017805	NP_060275	54922	RASIP1	Ras interacting protein 1
220035_at	4D	NM_024923	NP_079199	23225	NUF210	nucleoporin 210kDa
220036_s_at	4D	NM_018113	NP_060583	55716	LIMR	lipocalin-interacting membrane receptor
220038_at	4D	NM_013257	NP_037389	23678	SGKL	serum/glucocorticoid regulated kinase-like
220047_at	4D	NM_012240	NP_036372	23409	SIRT4	sirtuin (silent mating type information regulation)
220052_s_at	4D	NM_012461	NP_036593	26277	TINF2	TERF1 (TRF1)-interacting nuclear factor 2
220054_at	4D	NM_016584	NP_057668	51561	IL23A	interleukin 23, alpha subunit p19
220059_at	4D	NM_012108	NP_036240	26228	BRDG1	BCR downstream signaling 1
220062_s_at	4D	NM_016249	NP_057333	51438	MAGEC2	melanoma antigen family C, 2
220068_at	4D	NM_013378	NP_037510	29802	VPREB3	preB lymphocyte gene 3
220078_at	4D	NM_018391				
220079_s_at	4D	NM_018391				
220088_at	4D	NM_001736	NP_001727	728	C5R1	complement component 5 receptor 1 (C5a ligand)
220091_at	4D	NM_017585	NP_060055	11182	SLC2A6	solute carrier family 2 (facilitated glucose trans)
220095_at	4D	NM_017738	NP_060208	54875	C9orf39	chromosome 9 open reading frame 39
220114_s_at	4D	NM_017564	NP_060034	55576	STAB2	stabilin 2
220123_at	4D	NM_025181	NP_079457	80255	SLC35F5	solute carrier family 35, member F5
220138_at	4D	NM_004821	NP_004812	9421	HAND1	heart and neural crest derivatives expressed 1
220140_s_at	4D	NM_013323	NP_037455	29916	SNX11	sorting nexin 11
220148_at	4D	NM_022568	NP_072090	64577	ALDH8A1	aldehyde dehydrogenase 8 family, member A1
220149_at	4D	NM_024861	NP_079137	79919	FLJ22671	hypothetical protein FLJ22671

# APPENDIX D

220156_at	4D	NM_024593	NP_078869	79645	FLJ11767	hypothetical protein FLJ11767
220175_s_at	4D	NM_020667				
220176_at	4D	NM_025152	NP_079428	80224	NUBPL	nucleotide binding proteinlike
220195_at	4D	NM_018328	NP_060798	55777	MBD5	methylCpG binding domain protein 5
220206_at	4D	NM_024772	NP_079048	79830	ZMYM1	zinc finger, MYM domain containing 1
220212_s_at	4D	NM_022065	NP_071348	63892	THADA	thyroid adenoma associated
220213_at	4D	NM_018692				
220235_s_at	4D	NM_018372	NP_060842	55791	RIF1	receptorinteracting factor 1
220240_s_at	4D	NM_017905	NP_060375	55002	C13orf11	chromosome 13 open reading frame 11
220241_at	4D	NM_017905	NP_060375	55002	C13orf11	chromosome 13 open reading frame 11
220242_x_at	4D	NM_018260	NP_060730	55762	FLJ10891	hypothetical protein FLJ10891
220261_s_at	4D	NM_018106	NP_060576	55146	ZDHHC4	zinc finger, DHHC domain containing 4
220282_at	4D	NM_024557	NP_078833	79608	RIC3	RIC3 protein
220283_at	4D	NM_024746	NP_079022	79802	FLJ13840	hypothetical protein FLJ13840
220316_at	4D	NM_022123	NP_071406	64067	NPAS3	neuronal PAS domain protein 3
220327_at	4D	NM_016206	NP_057290	389136	FLJ38507	colon carcinoma related protein
220329_s_at	4D	NM_017909	NP_060379	55005	C6orf96	chromosome 6 open reading frame 96
220330_s_at	4D	NM_022136	NP_071419	64092	SAMSN1	SAM domain, SH3 domain and nuclear localisation si
220341_s_at	4D	NM_016175	NP_057259	51149	LOC51149	truncated calcium binding protein
220345_at	4D	NM_024993	NP_079269	80059	LRRTM4	leucine rich repeat transmembrane neuronal 4
220355_s_at	4D	NM_018165	NP_060635	55193	PBI	polybromo 1
220367_s_at	4D	NM_024545	NP_078821	79595	SAP130	mSin3Aassociated protein 130
220376_at	4D	NM_022901	NP_075052	64922	LRRC19	leucine rich repeat containing 19
220391_at	4D	NM_024784	NP_079060	79842	ZBTB3	zinc finger and BTB domain containing 3
220397_at	4D	NM_020128	NP_064513	56890	MDM1	Mdm1, transformed 3T3 cell double minute 1, p53 bi
220404_at	4D	NM_014076				
220418_at	4D	NM_018961	NP_061834	53347	UBASH3A	ubiquitin associated and SH3 domain containing, A
220419_s_at	4D	NM_013396	NP_037528	29761	USP25	ubiquitin specific protease 25
220426_at	4D	NM_024059	NP_076964	79025	MGC5356	hypothetical protein MGC5356
220435_at	4D	NM_018713	NP_061183	55532	SLC30A10	solute carrier family 30 (zinc transporter), membe
220443_s_at	4D	NM_012476	NP_036608	25806	VAX2	ventral anterior homeobox 2

# APPENDIX D

220446_s_at	4D	NM_005769	NP_005760	10164	CHST4	carbohydrate (Nacetylglucosamine 6O) sulfotransfer
220447_at	4D	NM_007232	NP_009163	11255	HRH3	histamine receptor H3
220460_at	4D	NM_017435	NP_059131	53919	SLCO1C1	solute carrier organic anion transporter family, m
220467_at	4D	NM_025032				
220471_s_at	4D	NM_025107	NP_079383	80177	MYCT1	myc target 1
220476_s_at	4D	NM_019099	NP_061972	55924	LOC55924	hypothetical protein LOC55924
220481_at	4D	NM_006794	NP_006785	10936	GPR75	G proteincoupled receptor 75
220482_s_at	4D	NM_012139	NP_036271	26297	DELGEF	deafness locus associated putative guanine nucleot
220486_x_at	4D	NM_017698				
220490_at	4D	NM_018565				
220491_at	4D	NM_021175	NP_066998	57817	HAMP	hepcidin antimicrobial peptide
220508_at	4D	NM_014406	NP_055221	150160	CESK1	Tcomplex protein 1
220512_at	4D	NM_024767	NP_079043	10395	DLC1	deleted in liver cancer 1
220526_s_at	4D	NM_017971	NP_060441	55052	MRPL20	mitochondrial ribosomal protein L20
220533_at	4D	NM_024853				
220537_at	4D	NM_017677	NP_060147	55613	MTMR8	myotubularin related protein 8
220539_at	4D	NM_017609	NP_060079	54777	C10orf92	chromosome 10 open reading frame 92
220547_s_at	4D	NM_019054	NP_061927	54537	FAM35A	family with sequence similarity 35, member A
220558_x_at	4D	NM_005705	NP_005696	10077	PHEMX	panhematopoietic expression
220566_at	4D	NM_014308	NP_055123	23533	PIK3R5	phosphoinositide3kinase, regulatory subunit 5, p10
220570_at	4D	NM_020415	NP_065148	56729	RETN	resistin
220582_at	4D	NM_025071				
220583_at	4D	NM_025086				
220590_at	4D	NM_018463	NP_060933	55846	MDS028	uncharacterized hematopoietic stem/progenitor cell
220597_s_at	4D	NM_018694	NP_061164	51329	ARL6IP4	ADPribsylationlike factor 6 interacting protein 4
220610_s_at	4D	NM_006309	NP_006300	9209	LRRFIP2	leucine rich repeat (in FLII) interacting protein
220615_s_at	4D	NM_018099	NP_060569	55711	MLSTD1	male sterility domain containing 1
220617_s_at	4D	NM_018181	NP_060651	55205	ZNF532	zinc finger protein 532
220620_at	4D	NM_019060	NP_061933	54544	C1orf42	chromosome 1 open reading frame 42
220621_at	4D	NM_012186	NP_036318	2301	FOXE3	forkhead box E3
220622_at	4D	NM_024727	NP_079003	79782	LRRRC31	leucine rich repeat containing 31
220650_s_at	4D	NM_004594	NP_004585	6553	SLC9A5	solute carrier family 9 (sodium/hydrogen



# APPENDIX D

220673_s_at	4D		NM_020958	NP_066009	57718	KIAA1622	exchanger KIAA1622
220702_at	4D		NM_018616				
220704_at	4D		NM_018563				
220715_at	4D		NM_024992				
220741_s_at	4D		NM_006903	NP_008834	27068	PPA2	inorganic pyrophosphatase 2
220744_s_at	4D		NM_018262	NP_060732	55764	WDR10	WD repeat domain 10
220748_s_at	4D		NM_016202	NP_057286	51157	ZNF580	zinc finger protein 580
220755_s_at	4D		NM_016947	NP_058643	50854	C6orf48	chromosome 6 open reading frame 48
220774_at	4D		NM_017653	NP_060123	54808	DYM	dymeclin
220776_at	4D		NM_013348	NP_037480	3770	KCNJ14	potassium inwardlyrectifying channel, subfamily J,
220784_s_at	4D		NM_021995	NP_068835	10911	UTS2	urotensin 2
220785_at	4D		NM_021995	NP_068835	10911	UTS2	urotensin 2
220794_at	4D		NM_022469	NP_071914	64388	GREM2	gremlin 2 homolog, cysteine knot superfamily (Xeno
220819_at	4D		NM_024919	NP_079195	79981	FRMD1	FERM domain containing 1
220854_at	4D		NM_014123				
220874_at	4D		NM_018575				
220883_at	4D		NM_018614				
220890_s_at	4D		NM_016355	NP_057439	51202	DDX47	DEAD (AspGluAlaAsp) box polypeptide 47
220894_x_at	4D		NM_021619	NP_067632	59335	PRDM12	PR domain containing 12
220901_at	4D		NM_024980	NP_079256	80045	GPR157	G proteincoupled receptor 157
220927_s_at	4D		NM_021828	NP_068600	60495	HPSE2	heparanase 2
220934_s_at	4D		NM_024084				
220940_at	4D		NM_025190				
220945_x_at	4D		NM_018050	NP_060520	54682	MANSC1	MANSC domain containing 1
220960_x_at	4D		NM_000983	NP_000974	6146	RPL22	ribosomal protein L22
220969_s_at	4D		NM_030892				
220971_at	4D		NM_022789	NP_073626	64806	IL17E	interleukin 17E
220976_s_at	4D		NM_030967	NP_112229	81851	KRTAP11	keratin associated protein 11
220977_x_at	4D		NM_020909	NP_065960	57669	EPB41L5	erythrocyte membrane protein band 4.1 like 5
220983_s_at	4D		NM_030964	NP_112226	81848	SPRY4	sprouty homolog 4 (Drosophila)
220985_s_at	4D		NM_030954	NP_112216	81790	RNF170	ring finger protein 170

# APPENDIX D

220986_s_at	4D	NM_030953	NP_112215	81789	TIGD6	tigger transposable element derived 6
220990_s_at	4D	NM_030938	NP_112200	81671	VMP1	likely ortholog of rat vacuole membrane protein 1
220996_s_at	4D	NM_030933	NP_112195	81626	C1orf14	chromosome 1 open reading frame 14
221014_s_at	4D	NM_031296	NP_112586	83452	RAB33B	RAB33B, member RAS oncogene family
221032_s_at	4D	NM_030770	NP_110397	80975	TMPRSS5	transmembrane protease, serine 5 (spinesin)
221036_s_at	4D	NM_031301	NP_112591	83464	APH1B	anterior pharynx defective 1 homolog B (C. elegans)
221057_at	4D	NM_022354	NP_071749	64173	SPATA1	spermatogenesis associated 1
221077_at	4D	NM_018076	NP_060546	55130	ARMC4	armadillo repeat containing 4
221080_s_at	4D	NM_024898	NP_079174	79958	FAM31C	family with sequence similarity 31, member C
221090_s_at	4D	NM_018233	NP_060703	55239	FLJ10826	hypothetical protein FLJ10826
221134_at	4D	NM_015985	NP_057069	51378	ANGPT4	angiotensinogen 4
221135_s_at	4D	NM_014065	NP_054784	28990	HT001	HT001 protein
221156_x_at	4D	NM_004748	NP_004739	9236	CCPG1	cell cycle progression 1
221161_at	4D	NM_020646	NP_065697	56676	ASCL3	achaetescute complex (Drosophila) homologlike 3
221164_x_at	4D	NM_012126	NP_036258	23563	CHST5	carbohydrate (Nacetylglucosamine 6O) sulfotransfer
221169_s_at	4D	NM_021624	NP_067637	59340	HRH4	histamine receptor H4
221177_at	4D	NM_025043				
221179_at	4D	NM_025050				
221190_s_at	4D	NM_013326	NP_037458	29919	C18orf8	chromosome 18 open reading frame 8
221203_s_at	4D	NM_018023	NP_060493	55689	YEATS2	YEATS domain containing 2
221208_s_at	4D	NM_024631	NP_078907	79684	FLJ23342	hypothetical protein FLJ23342
221229_s_at	4D	NM_017910	NP_060380	55006	FLJ20628	hypothetical protein FLJ20628
221235_s_at	4D	NM_030825				
221277_s_at	4D	NM_031307	NP_112597	83480	PUS3	pseudouridylylate synthase 3
221288_at	4D	NM_005295	NP_005286	2845	GPR22	G proteincoupled receptor 22
221308_at	4D	NM_006654	NP_006645	10818	FRS2	fibroblast growth factor receptor substrate 2
221311_x_at	4D	NM_020466	NP_065199	57226	DJ12208.2	hypothetical protein dj12208.2
221365_at	4D	NM_001507	NP_001498	2862	MLNR	motilin receptor
221377_s_at	4D	NM_014276	NP_055091	11317	RBPSUHL	recombining binding protein suppressor of hairless
221379_at	4D	NM_020527				
221399_at	4D	NM_021783	NP_068555	60401	EDA2R	ectodysplasin A2 receptor
221401_at	4D	NM_014404	NP_055219	27091	CACNG5	calcium channel, voltage-dependent, gamma

# APPENDIX D

221427_s_at	4D		NM_030937	NP_112199	81669	CCNL2	subunit 5
221434_s_at	4D		NM_031210	NP_112487	81892	C14orf156	cyclin L2
221449_s_at	4D		NM_030790	NP_110417	81533	CDA08	chromosome 14 open reading frame 156
221451_s_at	4D		NM_030903	NP_112165	26692	OR2W1	Tcell immunomodulatory protein
221453_at	4D		NM_021176	NP_066999	57818	G6PC2	olfactory receptor, family 2, subfamily W, member
221478_at	4D		NM_004331	NP_004322	665	BNIP3L	glucose6phosphatase, catalytic, 2
221484_at	4D		NM_004776	NP_004767	9334	B4GALT5	BCL2/adenovirus E1B 19kDa interacting protein 3lik
221485_at	4D		NM_004776	NP_004767	9334	B4GALT5	UDPGal:betaGlcNAc beta 1,4 galactosyltransferase, galactosyltransferase,
221489_s_at	4D		NM_030964	NP_112226	81848	SPRY4	UDPGal:betaGlcNAc beta 1,4 galactosyltransferase,
221494_x_at	4D		NM_013234	NP_037366	27335	EIF3S12	sprouty homolog 4 (Drosophila)
221503_s_at	4D		NM_002267	NP_002258	3839	KPNA3	eukaryotic translation initiation factor 3, subunit
221511_x_at	4D		NM_020739	NP_065790	9236	CCPG1	karyopherin alpha 3 (importin alpha 4)
221516_s_at	4D		NM_019008	NP_061881	54471	FLJ20232	cell cycle progression 1
221517_s_at	4D		NM_004268	NP_004259	9440	CRSP6	hypothetical protein FLJ20232
221520_s_at	4D		NM_018101	NP_060571	55143	CDC48	cofactor required for Sp1 transcriptional activation
221522_at	4D		NM_032139	NP_115515	84079	ANKRD27	cell division cycle associated 8
221536_s_at	4D		NM_018385	NP_060855	55341	FLJ11301	ankyrin repeat domain 27 (VPS9 domain)
221540_x_at	4D		NM_001515	NP_001506	2966	GTF2H2	hypothetical protein FLJ11301
221541_at	4D		NM_031476	NP_113664	83716	CRISPLD2	general transcription factor IIH, polypeptide 2, 4
221558_s_at	4D		NM_016269	NP_057353	51176	LEF1	cysteine-rich secretory protein LCCL domain contain
221561_at	4D		NM_003101	NP_003092	6646	SOAT1	lymphoid enhancerbinding factor 1
221582_at	4D		NM_033445	NP_254280	92815	HIST3H2A	sterol Oacyltransferase (acylCoenzyme A: cholesterol
221597_s_at	4D		NM_014187	NP_054906	29100	HSPC171	histone 3, H2a
221610_s_at	4D		NM_017720	NP_060190	55620	STAP2	HSPC171 protein
221622_s_at	4D		NM_018480	NP_060950	55863	HT007	signaltransducing adaptor protein2
221638_s_at	4D		NM_001001433	NP_001001433	8675	STX16	uncharacterized hypothalamus protein HT007
221643_s_at	4D		NM_012102	NP_036234	473	RERE	syntaxin 16
221647_s_at	4D		NM_021932	NP_068751	60626	RIC8	arginineglutamic acid dipeptide (RL) repeats likely ortholog of mouse synebrn

# APPENDIX D

221670_s_at	4D	NM_014564	NP_055379	8022	LHX3	LIM homeobox 3
221676_s_at	4D	NM_014325	NP_055140	23603	CORO1C	coronin, actin binding protein, 1C
221679_s_at	4D	NM_020676	NP_065727	57406	ABHD6	abhydrolase domain containing 6
221689_s_at	4D	NM_153682	NP_710149	51227	DSCR5	Down syndrome critical region gene 5
221692_s_at	4D	NM_023937	NP_076426	64981	MRPL34	mitochondrial ribosomal protein L34
221700_s_at	4D	NM_003333	NP_003324	7311	UBA52	ubiquitin A52 residue ribosomal protein fusion pro
221702_s_at	4D	NM_078474	NP_510883	80213	BLP2	BBPlike protein 2
221704_s_at	4D	NM_024667	NP_078943	79720	FLJ12750	hypothetical protein FLJ12750
221712_s_at	4D	NM_018093	NP_060563	54663	FLJ10439	hypothetical protein FLJ10439
221723_s_at	4D	NM_021196	NP_067019	57835	SLC4A5	solute carrier family 4, sodium bicarbonate cotran
221724_s_at	4D	NM_016184	NP_057268	50856	CLEC4A	Ctype lectin domain family 4, member A
221729_at	4D	NM_000393	NP_000384	1290	COL5A2	collagen, type V, alpha 2
221741_s_at	4D	NM_017798	NP_060268	54915	YTHDF1	YTH domain family, member 1
221763_at	4D	NM_004241	NP_004232	221037	JMJD1C	jumonji domain containing 1C
221775_x_at	4D	NM_000983	NP_000974	6146	RPL22	ribosomal protein L22
221803_s_at	4D	NM_030759	NP_110386	29982	NRBF2	nuclear receptor binding factor 2
221808_at	4D	NM_004251	NP_004242	9367	RAB9A	RAB9A, member RAS oncogene family
221816_s_at	4D	NM_016119	NP_057203	51131	PHF11	PHD finger protein 11
221818_at	4D	NM_030628	NP_085131	80789	KIAA1698	KIAA1698 protein
221821_s_at	4D	NM_017822	NP_060292	54934	FLJ20436	hypothetical protein FLJ20436
221830_at	4D	NM_021033	NP_066361	5911	RAP2A	RAP2A, member of RAS oncogene family
221850_x_at	4D	NM_133446	NP_597703	119016	CTGLF1	centaurin, gammalike family, member 1
221854_at	4D	NM_001005337	NP_001005337	5317	PKP1	plakophilin 1 (ectodermal dysplasia/skin fragility
221858_at	4D	XM_051081	XP_051081	23232	TBC1D12	TBC1 domain family, member 12
221875_x_at	4D	NM_018950	NP_061823	3134	HLAF	major histocompatibility complex, class I, F
221884_at	4D	NM_005241	NP_005232	2122	EVII	ecotropic viral integration site 1
221896_s_at	4D	NM_014056	NP_054775	25994	HIG1	likely ortholog of mouse hypoxia induced gene 1
221912_s_at	4D	NM_024296	NP_077272	79140	MGC1203	hypothetical protein MGC1203
221924_at	4D	NM_174929	NP_777589	83637	DKFZp76112123	hypothetical protein DKFZp76112123
221932_s_at	4D	NM_016417	NP_057501	51218	C14orf87	chromosome 14 open reading frame 87
221951_at	4D	NM_174940	NP_777600	283232	LOC283232	hypothetical protein LOC283232
221962_s_at	4D	NM_003344	NP_003335	7328	UBE2H	ubiquitinconjugating enzyme E2H (UBC8 homolog, yea
221971_x_at	4D	NM_133446	NP_597703	119016	CTGLF1	centaurin, gammalike family, member 1

# APPENDIX D

221987_s_at	4D	NM_018128	NP_060598	55720	FLJ10534	hypothetical protein FLJ10534
222010_at	4D	NM_030752	NP_110379	6950	TCP1	tcomplex 1
222017_x_at	4D	NM_002319	NP_002310	4034	LRCH4	leucinerich repeats and calponin homology (CH) dom
222028_at	4D	NM_003425	NP_003416	7596	ZNF45	zinc finger protein 45
222057_at	4D	NM_024313	NP_077289	79159	MGC3731	hypothetical protein MGC3731
222062_at	4D	NM_004843	NP_004834	9466	IL27RA	interleukin 27 receptor, alpha
222088_s_at	4D	NM_006931	NP_008862	6515	SLC2A3	solute carrier family 2 (facilitated glucose trans
222103_at	4D	NM_005171	NP_005162	466	ATF1	activating transcription factor 1
222108_at	4D	NM_181847	NP_862830	347902	AMIGO2	amphoterin induced gene 2
222130_s_at	4D	NM_013393	NP_037525	29960	FTSJ2	FtsJ homolog 2 (E. coli)
222134_at	4D	NM_004032	NP_004023	8528	DDO	Daspartate oxidase
222140_s_at	4D	NM_016334	NP_057418	51463	GPR89	G proteincoupled receptor 89
222156_x_at	4D	NM_020739	NP_065790	9236	CCPG1	cell cycle progression 1
222209_s_at	4D	NM_022918	NP_075069	65084	FLJ22104	hypothetical protein FLJ22104
222212_s_at	4D	NM_013384	NP_037516	29956	LASS2	LAG1 longevity assurance homolog 2 (S. cerevisiae)
222218_s_at	4D	NM_178273	NP_840057	29992	PLRA	paired immunoglobulinlike type 2 receptor alpha
222248_s_at	4D	NM_012240	NP_036372	23409	SIRT4	sirtuin (silent mating type information regulation
222311_s_at	4D	NM_020706	NP_065757	57466	SFRS15	splicing factor, arginine/serinerich 15
222360_at	4D	NM_015958	NP_057042	51611	CGI30	CGI30 protein
222394_at	4D	NM_013374	NP_037506	10015	PDCD6IP	programmed cell death 6 interacting protein
222396_at	4D	NM_016185	NP_057269	51155	HN1	hematological and neurological expressed 1
222401_s_at	4D	NM_014313	NP_055128	23585	SMP1	small membrane protein 1
222403_at	4D	NM_014342	NP_055157	23788	MTCH2	mitochondrial carrier homolog 2 (C. elegans)
222404_x_at	4D	NM_016395	NP_057479	51495	HSPC121	butyrateinduced transcript 1
222408_s_at	4D	NM_016061	NP_057145	51646	YPEL5	yippeelike 5 (Drosophila)
222409_at	4D	NM_014325	NP_055140	23603	COROIC	coronin, actin binding protein, 1C
222436_s_at	4D	NM_016079	NP_057163	51652	VPS24	vacuolar protein sorting 24 (yeast)
222438_at	4D	NM_014166	NP_054885	29079	MED4	mediator of RNA polymerase II transcription, subun
222474_s_at	4D	NM_020243	NP_064628	56993	TOMM22	translocase of outer mitochondrial membrane 22 hom
222480_at	4D	NM_017582	NP_060052	55585	UBE2Q	ubiquitinconjugating enzyme E2Q (putative)
222493_s_at	4D	NM_021943	NP_068762	60685	TEX27	testis expressed sequence 27

# APPENDIX D

222505_at	4D	NM_022458	NP_071903	64327	C7orf2	chromosome 7 open reading frame 2
222512_at	4D	NM_016118	NP_057202	51667	NYREN18	NEDD8 ultimate buster1
222516_at	4D	NM_207012	NP_996895	26985	AP3M1	adaptorrelated protein complex 3, mu 1 subunit
222524_s_at	4D	NM_017873	NP_060343	140459	ASB6	ankyrin repeat and SOCS boxcontaining 6
222531_s_at	4D	NM_018229	NP_060699	55745	C14orf108	chromosome 14 open reading frame 108
222536_s_at	4D	NM_018660	NP_061130	55893	ZNF395	zinc finger protein 395
222547_at	4D	NM_004834	NP_004825	9448	MAP4K4	mitogenactivated protein kinase kinase kinase kina
222581_at	4D	NM_004736	NP_004727	9213	XPR1	xenotropic and polytropic retrovirus receptor
222609_s_at	4D	NM_016046	NP_057130	51013	EXOSC1	exosome component 1
222617_s_at	4D	NM_022063	NP_071346	63877	C10orf84	chromosome 10 open reading frame 84
222625_s_at	4D	NM_017668	NP_060138	54820	NDE1	nude nuclear distribution gene E homolog 1 (A. nid
222631_at	4D	NM_018323	NP_060793	55300	PI4K2B	phosphatidylinositol 4kinase typell beta
222636_at	4D	NM_025205	NP_079481	80306	MED28	mediator of RNA polymerase II transcription, subun
222639_s_at	4D	NM_024829	NP_079105	79887	FLJ22662	hypothetical protein FLJ22662
222649_at	4D	NM_022459	NP_071904	64328	XPO4	exportin 4
222651_s_at	4D	NM_014112	NP_054831	7227	TRPS1	trichorhinophalangeal syndrome I
222656_at	4D	NM_001001481	NP_001001481	55284	FLJ11011	hypothetical protein FLJ11011
222657_s_at	4D	NM_001001481	NP_001001481	55284	FLJ11011	hypothetical protein FLJ11011
222670_s_at	4D	NM_005461	NP_005452	9935	MAFB	vmaf muscloponeurotic fibrosarcoma oncogene homo
222676_at	4D	NM_018842	NP_061330	55971	BAIAP2L1	BAI1associated protein 2like 1
222678_s_at	4D	NM_020640	NP_065691	54165	RP42	RP42 homolog
222681_at	4D	NM_152305	NP_689518	56983	MDSO10	x 010 protein
222702_x_at	4D	NM_014171	NP_054890	9419	CRIP1	postsynaptic protein CRIP1
222714_s_at	4D	NM_016027	NP_057111	51110	LACTB2	lactamase, beta 2
222728_s_at	4D	NM_024116	NP_077021	79101	MGC5306	hypothetical protein MGC5306
222739_at	4D	NM_024956	NP_079232	80021	FLJ23375	hypothetical protein FLJ23375
222744_s_at	4D	NM_018196	NP_060666	55217	TMLHE	trimethyllysine hydroxylase, epsilon
222745_s_at	4D	NM_024713	NP_078989	79768	C15orf29	chromosome 15 open reading frame 29
222747_s_at	4D	NM_006746	NP_006737	6332	SCML1	sex comb on midleglike 1 (Drosophila)
222753_s_at	4D	NM_021928	NP_068747	60559	SPCS3	signal peptidase complex subunit 3 homolog (S. cer
222792_s_at	4D	NM_014167	NP_054886	29080	HSPC128	HSPC128 protein



# APPENDIX D

222794_x_at	4D	NM_018109	NP_060579	55149	PAPD1	PAP associated domain containing 1
222798_at	4D	NM_001001484	NP_001001484	9317	PTER	phosphotriesterase related
222805_at	4D	NM_024641	NP_078917	79694	MANEA	mannosidase, endoalpha
222817_at	4D	NM_025193	NP_079469	80270	HSD3B7	hydroxydelta5steroid dehydrogenase, 3 beta and site
222830_at	4D	NM_198182	NP_937825	29841	TFCP2L2	transcription factor CP2like 2
222847_s_at	4D	NM_022073	NP_071356	112399	EGLN3	egl nine homolog 3 (C. elegans)
222858_s_at	4D	NM_014395	NP_055210	27071	DAPP1	dual adaptor of phosphotyrosine and 3phosphoinosit
222867_s_at	4D	NM_016060	NP_057144	51003	MED31	mediator of RNA polymerase II transcription, subun
222875_at	4D	NM_020162	NP_064547	56919	DHX33	DEAH (AspGluAlaHis) box polypeptide 33
222891_s_at	4D	NM_022893	NP_075044	53335	BCL11A	Bcell CLL/lymphoma 11A (zinc finger protein)
222893_s_at	4D	NM_024813	NP_079089	79871	FLJ13150	hypothetical protein FLJ13150
222895_s_at	4D	NM_022898	NP_075049	64919	BCL11B	Bcell CLL/lymphoma 11B (zinc finger protein)
222934_s_at	4D	NM_014358	NP_055173	26253	CLEC4E	Ctype lectin domain family 4, member E
222949_at	4D	NM_022052	NP_071335	56000	NXF3	nuclear RNA export factor 3
222955_s_at	4D	NM_207009	NP_996892	404636	FAM45A	family with sequence similarity 45, member A
222969_at	4D	NM_020981	NP_066191	8708	B3GALT1	UDPGal:betaGlcNAc beta 1,3galactosyltransferase, p
222983_s_at	4D	NM_016480	NP_057564	51247	PAIP2	poly(A) binding protein interacting protein 2
222984_at	4D	NM_016480	NP_057564	51247	PAIP2	poly(A) binding protein interacting protein 2
222985_at	4D	NM_012479	NP_036611	7532	YWHAQ	tyrosine 3monooxygenase/tryptophan 5monooxygenase
222989_s_at	4D	NM_013438	NP_038466	29979	UBQLN1	ubiquilin 1
222990_at	4D	NM_013438	NP_038466	29979	UBQLN1	ubiquilin 1
222992_s_at	4D	NM_005005	NP_004996	4715	NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex,
222997_s_at	4D	NM_018997	NP_061870	54460	MRPS21	mitochondrial ribosomal protein S21
223004_s_at	4D	NM_016589	NP_057673	51300	C3orf1	chromosome 3 open reading frame 1
223006_s_at	4D	NM_032012	NP_114401	23731	C9orf5	chromosome 9 open reading frame 5
223008_s_at	4D	NM_032012	NP_114401	23731	C9orf5	chromosome 9 open reading frame 5
223011_s_at	4D	NM_017830	NP_060300	54940	OCLAD1	OCLA domain containing 1
223017_at	4D	NM_015913	NP_056997	51060	TLP19	endoplasmic reticulum thioredoxin superfamily memb

# APPENDIX D

223018_at	4D	NM_014062	NP_054781	28987	NOB1P	likely ortholog of mouse nin one binding protein
223026_s_at	4D	NM_057180	NP_476528	51699	VPS29	vacuolar protein sorting 29 (yeast)
223040_at	4D	NM_181528	NP_852669	51126	NAT5	Nacetyltransferase 5 (ARD1 homolog, S. cerevisiae)
223044_at	4D	NM_014585	NP_055400	30061	SLC40A1	solute carrier family 40 (ironregulated transporte
223053_x_at	4D	NM_014188	NP_054907	29101	HSPC182	HSPC182 protein
223057_s_at	4D	NM_020750	NP_065801	57510	XPO5	exportin 5
223064_at	4D	NM_016494	NP_057578	51255	LOC51255	hypothetical protein LOC51255
223065_s_at	4D	NM_032016	NP_114405	83930	STARD3NL	STARD3 Nterminal like
223070_at	4D	NM_021237	NP_067060	58515	SELK	selenoprotein K
223073_at	4D	NM_032558	NP_115947	84641	FLJ14753	hypothetical protein FLJ14753
223076_s_at	4D	NM_017755	NP_060225	54888	NSUN2	NOL1/NOP2/Sun domain family, member 2
223081_at	4D	NM_024297	NP_077273	79142	MGC2941	hypothetical protein MGC2941
223084_s_at	4D	NM_012142	NP_036274	23582	CCNDBP1	cyclin Dtype bindingprotein 1
223085_at	4D	NM_015435	NP_056250	25897	RNF19	ring finger protein 19
223086_x_at	4D	NM_016497	NP_057581	51258	MRPL51	mitochondrial ribosomal protein L51
223097_at	4D	NM_017825	NP_060295	54936	ADPRHL2	ADPribosylhydrolase like 2
223113_at	4D	NM_016464	NP_057548	51524	HSPC196	hypothetical protein HSPC196
223121_s_at	4D	NM_003013	NP_003004	6423	SFRP2	secreted frizzledrelated protein 2
223128_at	4D	NM_017547	NP_060017	55572	H17	hypothetical protein H17
223136_at	4D	NM_016108	NP_057192	51390	AIG1	androgeninduced 1
223139_s_at	4D	NM_020865	NP_065916	170506	DHX36	DEAH (AspGluAlaHis) box polypeptide 36
223151_at	4D	NM_032299	NP_115675	84259	MGC2714	hypothetical protein MGC2714
223157_at	4D	NM_032313	NP_115689	84273	C4orf14	chromosome 4 open reading frame 14
223163_s_at	4D	NM_016478	NP_057562	51530	ZC3HC1	zinc finger, C3HC type 1
223167_s_at	4D	NM_013396	NP_037528	29761	USP25	ubiquitin specific protease 25
223176_at	4D	NM_173562	NP_775833	222658	C6orf69	chromosome 6 open reading frame 69
223195_s_at	4D	NM_031459	NP_113647	83667	SES2	sestrin 2
223197_s_at	4D	NM_020159	NP_064544	56916	SMARCAD1	SWI/SNFrelated, matrixassociated actindependent re
223212_at	4D	NM_198046	NP_932163	84287	ZDHHC16	zinc finger, DHHC domain containing 16
223214_s_at	4D	NM_007222	NP_009153	11244	ZHX1	zinc fingers and homeoboxes 1
223223_at	4D	NM_022786	NP_073623	64801	ARV1	ARV1 homolog (yeast)
223233_s_at	4D	NM_020770	NP_065821	57530	CGN	cingulin

# APPENDIX D

223236_at	4D	NM_032141	NP_115517	84081	DKFZP434K142	hypothetical protein DKFZp434K1421
223240_at	4D	NM_012180	NP_036312	26269	FBXO8	Fbox protein 8
223244_s_at	4D	NM_018838	NP_061326	55967	DAP13	13kDa differentiationassociated protein
223247_at	4D	NM_032286	NP_115662	84246	MGC5309	hypothetical protein MGC5309
223255_at	4D	NM_017769	NP_060239	55632	KIAA1333	KIAA1333
223256_at	4D	NM_017769	NP_060239	55632	KIAA1333	KIAA1333
223259_at	4D	NM_139280	NP_644809	94103	ORMDL3	ORMlike 3 (S. cerevisiae)
223268_at	4D	NM_014039	NP_054758	28970	PTD012	PTD012 protein
223276_at	4D	NM_032947	NP_116565	85027	NID67	putative small membrane protein NID67
223284_at	4D	NM_020378	NP_065111	57106	KLP1	K562 cellderived leucinezipperlike protein 1
223294_at	4D	NM_016500	NP_057584	51260	CXorf26	chromosome X open reading frame 26
223296_at	4D	NM_032315	NP_115691	84275	MGC4399	mitochondrial carrier protein
223297_at	4D	NM_031445	NP_113633	83607	MGC4268	hypothetical protein MGC4268
223298_s_at	4D	NM_016489	NP_057573	51251	NT5C3	5nucleotidase, cytosolic III
223301_s_at	4D	NM_024725	NP_079001	79780	FLJ23518	hypothetical protein FLJ23518
223334_at	4D	NM_032273	NP_115649	84233	DKFZp586C1924	hypothetical protein DKFZp586C1924
223336_s_at	4D	NM_021252	NP_067075	22931	RAB18	RAB18, member RAS oncogene family
223337_at	4D	NM_005869	NP_005860	10283	SDCCAG10	serologically defined colon cancer antigen 10
223338_s_at	4D	NM_178190	NP_835497	93974	ATPIF1	ATPase inhibitory factor 1
223342_at	4D	NM_015713	NP_056528	50484	RRM2B	ribonucleotide reductase M2 B (TP53 inducible)
223345_at	4D	NM_018486	NP_060956	55869	HDAC8	histone deacetylase 8
223347_at	4D	NM_032853	NP_116242	84939	MUM1	melanoma associated antigen (mutated) 1
223370_at	4D	NM_019091	NP_061964	65977	PLEKHA3	pleckstrin homology domain containing, family A (p
223384_s_at	4D	NM_033091	NP_149082	89122	TRIM4	tripartite motifcontaining 4
223392_s_at	4D	NM_020856	NP_065907	57616	ZNF537	zinc finger protein 537
223393_s_at	4D	NM_020856	NP_065907	57616	ZNF537	zinc finger protein 537
223394_at	4D	NM_013376	NP_037508	29950	SERTAD1	SERTA domain containing 1
223396_at	4D	NM_032936	NP_116325	85025	C7orf35	chromosome 7 open reading frame 35
223412_at	4D	NM_032138	NP_115514	84078	KBTBD7	kelch repeat and BTB (POZ) domain containing 7
223413_s_at	4D	NM_017816	NP_060286	55646	LYAR	hypothetical protein FLJ20425
223431_at	4D	NM_018366	NP_060836	55330	CNO	cappuccino

# APPENDIX D

223433_at	4D	NM_020192	NP_064577	57002	C7orf36	chromosome 7 open reading frame 36
223437_at	4D	NM_001001928	NP_001001928	5465	PPARA	peroxisome proliferative activated receptor, alpha
223460_at	4D	NM_032294	NP_115670	84254	CAMKK1	calcium/calmodulindependent protein kinase kinase
223470_at	4D	NM_145167	NP_660150	93183	PIGM	phosphatidylinositol glycan, class M
223478_at	4D	NM_012459	NP_036591	26521	TIMM8B	translocase of inner mitochondrial membrane 8 homo
223485_at	4D	NM_032304	NP_115680	84264	HAGHL	hydroxyacylglutathione hydrolaselike
223504_at	4D	NM_016544	NP_057628	51277	RBJ	Rasassociated protein Rap1
223522_at	4D	NM_030814	NP_110441	81571	C9orf45	chromosome 9 open reading frame 45
223528_s_at	4D	NM_022734	NP_073571	64745	FLJ20859	FLJ20859 gene
223531_x_at	4D	NM_016334	NP_057418	51463	GPR89	G proteincoupled receptor 89
223535_at	4D	NM_031438	NP_113626	83594	NUDT12	nudix (nucleoside diphosphate linked moiety X)type
223542_at	4D	NM_032290	NP_115666	84250	ANKRD32	ankyrin repeat domain 32
223548_at	4D	NM_017673	NP_060143	54823	C1orf26	chromosome 1 open reading frame 26
223576_at	4D	NM_016487	NP_057571	51250	C6orf203	chromosome 6 open reading frame 203
223583_at	4D	NM_024575	NP_078851	79626	FLJ23467	hypothetical protein FLJ23467
223584_s_at	4D	NM_015483	NP_056298	25948	KBTBD2	kelch repeat and BTB (POZ) domain containing 2
223609_at	4D	NM_031916	NP_114122	83853	ROPN1L	ropporin like
223620_at	4D	NM_005300	NP_005291	2857	GPR34	G proteincoupled receptor 34
223626_x_at	4D	NM_032036	NP_114425	83982	FAM114A	family with sequence similarity 14, member A
223634_at	4D	NM_014310	NP_055125	23551	RASD2	RASD family, member 2
223639_s_at	4D	NM_014596	NP_055411	30834	ZNRD1	zinc ribbon domain containing, 1
223647_x_at	4D	NM_172002	NP_741999	150274	HSC20	Jlype cochaperone HSC20
223650_s_at	4D	NM_030759	NP_110386	29982	NRBF2	nuclear receptor binding factor 2
223670_s_at	4D	NM_018437	NP_060907	55363	HEMGN	hemogen
223671_x_at	4D	NM_015958	NP_057042	51611	CGI30	CGI30 protein
223674_s_at	4D	NM_020239	NP_064624	56882	CDC42SE1	CDC42 small effector 1
223682_s_at	4D	NM_032325	NP_115701	84285	MGC11102	hypothetical protein MGC11102
223690_at	4D	NM_000428	NP_000419	4053	LTBP2	latent transforming growth factor beta binding pro
223706_at	4D	NM_032561	NP_115950	84645	C22orf23	chromosome 22 open reading frame 23
223709_s_at	4D	NM_025216	NP_079492	80326	WNT10A	winglessstype MMTV integration site family, member
223711_s_at	4D	NM_014174	NP_054893	29087	THY28	thymocyte protein thy28

# APPENDIX D

223743_s_at	4D	NM_015956	NP_057040	51073	MRPL4	mitochondrial ribosomal protein L4
223749_at	4D	NM_031908	NP_114114	114898	C1QTNF2	C1q and tumor necrosis factor related protein 2
223754_at	4D	NM_032321	NP_115697	84281	MGC13057	hypothetical protein MGC13057
223758_s_at	4D	NM_001515	NP_001506	2966	GTF2H2	general transcription factor IIH, polypeptide 2, 4
223763_at	4D	NM_183040	NP_898861	84062	DTNBP1	dystrobrevin binding protein 1
223778_at	4D	NM_022342	NP_071737	64147	KIF9	kinesin family member 9
223789_s_at	4D	NM_019096	NP_061969	54676	GTPBP2	GTP binding protein 2
223809_at	4D	NM_130782	NP_570138	64407	RGS18	regulator of Gprotein signalling 18
223821_s_at	4D	NM_017982	NP_060452	55061	FLJ10052	hypothetical protein FLJ10052
223831_x_at	4D	NM_020701	NP_065752	57461	KIAA1160	KIAA1160 protein
223834_at	4D	NM_014143	NP_054862	29126	PDCD1LG1	programmed cell death 1 ligand 1
223835_x_at	4D	NM_032109	NP_115485	23440	OTP	orthopedia homolog (Drosophila)
223857_x_at	4D	NM_016454	NP_057538	51234	LOC51234	hypothetical protein LOC51234
223866_at	4D	NM_032131	NP_115507	84071	ARMC2	arnadillo repeat containing 2
223880_x_at	4D	NM_018840	NP_061328	55969	C20orf24	chromosome 20 open reading frame 24
223887_at	4D	NM_013345	NP_037477	29933	GPR132	G proteincoupled receptor 132
223895_s_at	4D	NM_017957	NP_060427	55040	EPN3	epsin 3
223915_at	4D	NM_020926	NP_065977	54880	BCOR	BCL6 corepressor
223917_s_at	4D	NM_144564	NP_653165	29985	SLC39A3	solute carrier family 39 (zinc transporter), membe
223942_x_at	4D	NM_012126	NP_036258	23563	CHST5	carbohydrate (Nacety)glucosamine 6O) sulfotransfer
223948_s_at	4D	NM_024022	NP_076927	64699	TMPPRSS3	transmembrane protease, serine 3
223949_at	4D	NM_032405	NP_115781	64699	TMPPRSS3	transmembrane protease, serine 3
223963_s_at	4D	NM_006548	NP_006539	10644	IMP2	IGFII mRNAbinding protein 2
223988_x_at	4D	NM_022734	NP_073571	64745	FLJ20859	FLJ20859 gene
223992_x_at	4D	NM_017984	NP_060454	55063	ZCWPW1	zinc finger, CW type with PWWP domain 1
224074_at	4D	NM_199425	NP_955457	30813	VSX1	visual system homeobox 1 homolog, CHX10like (zebra
224078_at	4D	NM_032318	NP_115694	84278	H1A1TL2	hippocampus abundant gene transcriptlike 2
224099_at	4D	NM_033272	NP_150375	90134	KCNH7	potassium voltagegated channel, subfamily H (eagre
224131_at	4D	NM_032554	NP_115943	27198	GPR81	G proteincoupled receptor 81
224137_at	4D	NM_031896	NP_114102	59284	CACNG7	calcium channel, voltage-dependent, gamma subunit 7
224138_at	4D	NM_032647	NP_116036	84733	MGC10561	hypothetical protein MGC10561

# APPENDIX D

224156_x_at	4D		NM_018725	NP_061195	55540	IL17RB	interleukin 17 receptor B
224159_x_at	4D		NM_033017	NP_148977	89122	TRIM4	tripartite motifcontaining 4
224177_s_at	4D		NM_016500	NP_057584	51260	CXorf26	chromosome X open reading frame 26
224187_x_at	4D		NM_006597	NP_006588	3312	HSPA8	heat shock 70kDa protein 8
224196_x_at	4D		NM_015958	NP_057042	51611	CGI30	CGI30 protein
224217_s_at	4D		NM_007051	NP_008982	11124	FAF1	Fas (TNFRSF6) associated factor 1
224250_s_at	4D		NM_024077	NP_076982	79048	SECISBP2	SECIS binding protein 2
224308_s_at	4D		NM_020748	NP_065799	57508	KIAA1287	KIAA1287 protein
224330_s_at	4D		NM_148571	NP_683412	51264	MRPL27	mitochondrial ribosomal protein L27
224331_s_at	4D		NM_032479	NP_115868	64979	MRPL36	mitochondrial ribosomal protein L36
224334_s_at	4D		NM_016497	NP_057581	51258	MRPL51	mitochondrial ribosomal protein L51
224347_x_at	4D		NM_194316	NP_919297	118424	UBE2J2	ubiquitinconjugating enzyme E2, J2 (UBC6 homolog,
224368_s_at	4D		NM_032013	NP_114402	57446	NDRG3	NDRG family member 3
224377_s_at	4D		NM_021252	NP_067075	22931	RAB18	RAB18, member RAS oncogene family
224380_s_at	4D		NM_024885	NP_079161	54457	TAF7L	TAF7like RNA polymerase II, TATA box binding prote
224383_at	4D		NM_031994	NP_114383	56163	RNF17	ring finger protein 17
224395_s_at	4D		NM_014245	NP_055060	9616	RNF7	ring finger protein 7
224415_s_at	4D		NM_032593	NP_115982	84681	HINT2	histidine triad nucleotide binding protein 2
224416_s_at	4D		NM_025205	NP_079481	80306	MED28	mediator of RNA polymerase II transcription, subun
224430_s_at	4D		NM_012123	NP_036255	25821	MTOI1	mitochondrial translation optimization 1 homolog (
224435_at	4D		NM_032333	NP_115709	84293	C10orf58	chromosome 10 open reading frame 58
224439_x_at	4D		NM_183237	NP_899060	9616	RNF7	ring finger protein 7
224450_s_at	4D		NM_031480	NP_113668	83732	RIOK1	RIO kinase 1 (yeast)
224452_s_at	4D		NM_032706	NP_116095	84792	MGC12966	hypothetical protein MGC12966
224458_at	4D		NM_032342	NP_115718	84302	C9orf125	chromosome 9 open reading frame 125
224465_s_at	4D		NM_032345	NP_115721	84305	PYM	PYM protein
224473_x_at	4D		NM_032429	NP_115805	84445	LZTS2	leucine zipper, putative tumor suppressor 2
224481_s_at	4D		NM_015382	NP_056197	25831	HECTD1	HECT domain containing 1
224495_at	4D		NM_183065	NP_898888	84314	MGC10744	hypothetical protein MGC10744
224496_s_at	4D		NM_183065	NP_898888	84314	MGC10744	hypothetical protein MGC10744
224511_s_at	4D		NM_032731	NP_116120	84817	TXNL5	thioredoxinlike 5



# APPENDIX D

224516_s_at	4D	NM_016463	NP_057547	51523	CXXC5	CXXC finger 5
224550_s_at	4D	NM_006069	NP_006060	10335	MRV11	murine retrovirus integration site 1 homolog
224563_at	4D	NM_006990	NP_008921	10163	WASF2	WAS protein family, member 2
224564_s_at	4D	NM_201428	NP_958831	10313	RTN3	reticulon 3
224575_at	4D	NM_018462	NP_060932	55845	C3orf10	chromosome 3 open reading frame 10
224584_at	4D	NM_014145	NP_054864	29058	C20orf30	chromosome 20 open reading frame 30
224593_at	4D	NM_152437	NP_689650	144348	ZFOC1	zinc finger protein ZFOC1
224595_at	4D	NM_080546	NP_536856	23446	CDW92	CDW92 antigen
224609_at	4D	NM_020428	NP_065161	57153	CTL2	CTL2 gene
224614_at	4D	NM_006141	NP_006132	1783	DNCL12	dynein, cytoplasmic, light intermediate polypeptid
224625_x_at	4D	NM_005770	NP_005761	10169	SERF2	small EDRKrich factor 2
224632_at	4D	NM_182679	NP_872620	54865	GPATC4	G patch domain containing 4
224634_at	4D	NM_015590	NP_056405	54865	GPATC4	G patch domain containing 4
224637_at	4D	XM_376043	XP_376043	400948	LOC400948	similar to RIKEN cDNA 2310016E02
224640_at	4D	NM_139015	NP_620584	121665	SPLL3	signal peptide peptidase 3
224655_at	4D	NM_016282	NP_057366	50808	AK3L1	adenylate kinase 3 like 1
224657_at	4D	NM_018948	NP_061821	54206	MIG6	mitogeninducible gene 6
224661_at	4D	NM_032906	NP_116295	84992	MGC14156	hypothetical protein MGC14156
224662_at	4D	NM_004521	NP_004512	3799	KIF5B	kinesin family member 5B
224669_at	4D	NM_033542	NP_291020	55861	C20orf35	chromosome 20 open reading frame 35
224713_at	4D	NM_032390	NP_115766	84365	MKI67IP	MKI67 (FHA domain) interacting nucleolar phosphopr
224719_s_at	4D	NM_138425	NP_612434	113246	GRC10	likely ortholog of mouse gene rich cluster, C10 ge
224721_at	4D	NM_032168	NP_115544	84128	FLJ12519	hypothetical protein FLJ12519
224736_at	4D	NM_018237	NP_060707	55749	CCAR1	cell division cycle and apoptosis regulator 1
224739_at	4D	NM_001001852	NP_001001852	415116	PIM3	pim3 oncogene
224768_at	4D	NM_017969	NP_060439	55677	FLJ10006	hypothetical protein FLJ10006
224779_s_at	4D	NM_032231	NP_115607	84191	FLJ22875	hypothetical protein FLJ22875
224780_at	4D	NM_032905	NP_116294	84991	RBM17	RNA binding motif protein 17
224785_at	4D	NM_182565	NP_872371	283991	MGC29814	hypothetical protein MGC29814
224787_s_at	4D	NM_021252	NP_067075	22931	RAB18	RAB18, member RAS oncogene family
224797_at	4D	NM_020801	NP_065852	57561	ARRDC3	arrestin domain containing 3
224812_at	4D	NM_152740	NP_689953	11112	HIBADH	3hydroxyisobutyrate dehydrogenase
224819_at	4D	NM_153333	NP_699164	90843	TCEAL8	transcription elongation factor A (Slit)like 8

# APPENDIX D

224820_at	4D	NM_198076	NP_932342	116228	FAM36A	family with sequence similarity 36, member A
224824_at	4D	NM_198076	NP_932342	116228	FAM36A	family with sequence similarity 36, member A
224828_at	4D	NM_030627	NP_085130	80315	CPEB4	cytoplasmic polyadenylation element binding protein
224831_at	4D	NM_030627	NP_085130	80315	CPEB4	cytoplasmic polyadenylation element binding protein
224836_at	4D	NM_021202	NP_067025	58476	TP53INP2	tumor protein p53 inducible nuclear protein 2
224860_at	4D	XM_372075	XP_372075	90871	C9orf123	chromosome 9 open reading frame 123
224879_at	4D	XM_372075	XP_372075	90871	C9orf123	chromosome 9 open reading frame 123
224913_s_at	4D	NM_001001563	NP_001001563	92609	TIMM50	translocase of inner mitochondrial membrane 50 hom
224920_x_at	4D	NM_138373	NP_612382	91663	MYADM	myeloidassociated differentiation marker
224932_at	4D	NM_213720	NP_998885	400916	C22orf16	chromosome 22 open reading frame 16
224948_at	4D	NM_032014	NP_114403	64951	MRPS24	mitochondrial ribosomal protein S24
224956_at	4D	NM_020772	NP_065823	57532	I82FIP	82kD FMRP Interacting Protein
224959_at	4D	NM_000112	NP_000103	1836	SLC26A2	solute carrier family 26 (sulfate transporter), me
224963_at	4D	NM_000112	NP_000103	1836	SLC26A2	solute carrier family 26 (sulfate transporter), me
224969_at	4D	XM_375456	XP_375456	56970	ATXN7L3	ataxin 7like 3
225014_at	4D	XM_371691	XP_371691	389203	LOC389203	hypothetical gene supported by BC032431
225031_at	4D	NM_032221	NP_115597	84181	CHD6	chromodomain helicase DNA binding protein 6
225036_at	4D	NM_001001790	NP_001001790	401505	C9orf105	chromosome 9 open reading frame 105
225043_at	4D	NM_145648	NP_663623	121260	SLC15A4	solute carrier family 15, member 4
225050_at	4D	NM_032434	NP_115810	84450	ZNF512	zinc finger protein 512
225059_at	4D	NM_020350	NP_065083	57085	AGTRAP	angiotensin II receptorassociated protein
225061_at	4D	NM_018602	NP_061072	55466	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4
225071_at	4D	NM_138459	NP_612468	116150	C6orf68	chromosome 6 open reading frame 68
225074_at	4D	NM_032846	NP_116235	84932	RAB2B	RAB2B, member RAS oncogene family
225082_at	4D	NM_016207	NP_057291	51692	CPSE3	cleavage and polyadenylation specific factor 3, 73
225088_at	4D	NM_144600	NP_653201	123811	FLJ31153	hypothetical protein FLJ31153
225090_at	4D	NM_032431	NP_115807	84447	SYVN1	synovial apoptosis inhibitor 1, synoviolin
225092_at	4D	NM_004703	NP_004694	9135	RABEP1	rabapin, RAB GTPase binding effector protein 1
225133_at	4D	NM_016531	NP_057615	51274	KLF3	Kruppeltlike factor 3 (basic)
225142_at	4D	XM_376680	XP_376680	80853	KIAA1718	KIAA1718 protein
225153_at	4D	NM_024996	NP_079272	85476	GFM1	G elongation factor, mitochondrial 1

# APPENDIX D

225154_at	4D	NM_032796	NP_116185	94056	SVAP1	synapse associated protein 1, SAP47 homolog (Droso
225156_at	4D	NM_032377	NP_115753	84337	MGC4549	hypothetical protein MGC4549
225163_at	4D	NM_018027	NP_060497	55691	FRMD4A	FERM domain containing 4A
225165_at	4D	NM_181505	NP_852606	84152	PPP1R1B	protein phosphatase 1, regulatory (inhibitor) subu
225173_at	4D	NM_033515	NP_277050	93663	ARHGAP18	Rho GTPase activating protein 18
225177_at	4D	NM_001002814	NP_001002814	80223	RAB11FIP1	RAB11 family interacting protein 1 (class I)
225180_at	4D	NM_133462	NP_597719	151613	TTC14	tetratricopeptide repeat domain 14
225182_at	4D	NM_006134	NP_006125	757	C21orf4	chromosome 21 open reading frame 4
225183_at	4D	NM_014117	NP_054836	29035	PRO0149	PRO0149 protein
225188_at	4D	NM_213589	NP_998754	65059	RAPH1	Ras association (RalGDS/AF6) and pleckstrin
225189_s_at	4D	NM_213589	NP_998754	65059	RAPH1	homolo
225195_at	4D	NM_206831	NP_996662	285381	ZCSL2	Ras association (RalGDS/AF6) and pleckstrin
225196_s_at	4D	NM_030811	NP_110438	64949	MRPS26	homolo
225201_s_at	4D	NM_032111	NP_115487	64928	MRPL14	zinc finger, CSL domain containing 2
225210_s_at	4D	NM_031452	NP_113640	83640	MGC2560	mitochondrial ribosomal protein S26
225237_s_at	4D	NM_138962	NP_620412	124540	MSI2	mitochondrial ribosomal protein L14
225243_s_at	4D	NM_007159	NP_009090	7871	SLMAP	hypothetical LOC83640
225255_at	4D	NM_145644	NP_663619	51318	MRPL35	musashi homolog 2 (Drosophila)
225260_s_at	4D	NM_031903	NP_114109	64983	MRPL32	sarcolemma associated protein
225261_x_at	4D	NM_198976	NP_945327	51497	TH1L	mitochondrial ribosomal protein L35
225272_at	4D	NM_133491	NP_597998	112483	SAT2	mitochondrial ribosomal protein L32
225282_at	4D	NM_022733	NP_073570	64744	LOC64744	TH1like (Drosophila)
225291_at	4D	NM_033109	NP_149100	87178	PNPT1	spermidine/spermine N1acetyltransferase 2
225312_at	4D	NM_203495	NP_987091	170622	COMMD6	hypothetical protein AL133206
225317_at	4D	NM_032360	NP_115736	84320	ACBD6	polyribonucleotide nucleotidyltransferase 1
225331_at	4D	NM_178335	NP_848018	152137	C3orf6	COMM domain containing 6
225359_at	4D	NM_201261	NP_957713	131118	TIM14	acylCoenzyme A binding domain containing 6
225360_at	4D	NM_025204	NP_079480	80305	PP2447	chromosome 3 open reading frame 6
225369_at	4D	NM_138961	NP_620411	90952	ESAM	homolog of yeast TIM14
225384_at	4D	NM_033407	NP_212132	85440	DOCK7	hypothetical protein PP2447
225399_at	4D	NM_052965	NP_443197	116461	C1orf19	endothelial cell adhesion molecule
						dedicator of cytokinesis 7
						chromosome 1 open reading frame 19

# APPENDIX D

225414_at	4D	NM_173647	NP_775918	284996	RNF149	ring finger protein 149
225420_at	4D	NM_020918	NP_065969	57678	GPAM	glycerol3phosphate acyltransferase, mitochondrial
225424_at	4D	NM_020918	NP_065969	57678	GPAM	glycerol3phosphate acyltransferase, mitochondrial
225470_at	4D	NM_138285	NP_612142	129401	NUP35	nucleoporin 35kDa
225475_at	4D	NM_020948	NP_065999	57708	MIER1	mesoderm induction early response 1
225489_at	4D	NM_152834	NP_690047	129787	TMEM18	transmembrane protein 18
225505_s_at	4D	NM_022760	NP_073597	64773	C20orf81	chromosome 20 open reading frame 81
225527_at	4D	NM_001806	NP_001797	1054	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma
225535_s_at	4D	NM_006327	NP_006318	10431	TMM23	translocase of inner mitochondrial membrane 23 hom
225538_at	4D	NM_032280	NP_115656	84240	ZCCHC9	zinc finger, CCHC domain containing 9
225559_at	4D	NM_016474	NP_057558	51244	C3orf19	chromosome 3 open reading frame 19
225573_at	4D	NM_032169	NP_115545	84129	FLJ12592	putative acylCoA dehydrogenase
225589_at	4D	NM_020870	NP_065921	57630	SH3MD2	SH3 multiple domains 2
225604_s_at	4D	NM_022343	NP_071738	152007	C9orf19	chromosome 9 open reading frame 19
225607_at	4D	NM_144609	NP_653210	124808	FLJ31795	hypothetical protein FLJ31795
225612_s_at	4D	NM_032047	NP_114436	84002	B3GNT5	UDPGLcNAc:betaGal beta1,3Nacetylglucosaminyltransf
225625_at	4D	NM_001001655	NP_001001655	121642	MGC90512	similar to hypothetical protein 9530023G02
225651_at	4D	NM_152653	NP_689866	7325	UBE2E2	ubiquitinconjugating enzyme E2E 2 (UBC4/5 homolog,
225659_at	4D	NM_001001664	NP_001001664	339745	LOC339745	hypothetical protein LOC339745
225661_at	4D	NM_000629	NP_000620	3454	IFNAR1	interferon (alpha, beta and omega) receptor 1
225686_at	4D	NM_182620	NP_872426	348235	FAM33A	family with sequence similarity 33, member A
225698_at	4D	NM_053000	NP_443726	114915	TIGAI	TIGAI
225705_at	4D	NM_138363	NP_612372	90799	LOC90799	hypothetical protein BC009518
225718_at	4D	NM_030650	NP_085153	80856	KIAA1715	KIAA1715
225719_s_at	4D	NM_181464	NP_852129	128308	MRPL55	mitochondrial ribosomal protein L55
225741_at	4D	NM_015453	NP_056268	25917	THUMPD3	THUMP domain containing 3
225743_at	4D	NM_173659	NP_775930	285367	RPUSD3	RNA pseudouridylylate synthase domain containing 3
225744_at	4D	NM_013373	NP_037505	29801	ZDHH8	zinc finger, DHH8 domain containing 8
225748_at	4D	NM_032860	NP_116249	84946	C6orf93	chromosome 6 open reading frame 93
225782_at	4D	NM_198080	NP_932346	253827	MSRB3	methionine sulfoxide reductase B3

# APPENDIX D

225790_at	4D	NM_198080	NP_932346	253827	MSRB3	methionine sulfoxide reductase B3
225795_at	4D	NM_033318	NP_201575	91689	LOC91689	hypothetical gene supported by AL449243
225836_s_at	4D	NM_031465	NP_113653	83695	MGC13204	hypothetical protein MGC13204
225837_at	4D	NM_031465	NP_113653	83695	MGC13204	hypothetical protein MGC13204
225849_s_at	4D	NM_145169	NP_660152	113402	C6orf83	chromosome 6 open reading frame 83
225850_at	4D	NM_145169	NP_660152	113402	C6orf83	chromosome 6 open reading frame 83
225852_at	4D	NM_198889	NP_942592	26057	ANKRD17	ankyrin repeat domain 17
225853_at	4D	NM_198066	NP_932332	64841	GNPNAT1	glucosaminephosphate Nacetyltransferase 1
225872_at	4D	NM_025181	NP_079457	80255	SLC35F5	solute carrier family 35, member F5
225876_at	4D	NM_020448	NP_065181	57185	DJ462O23.2	hypothetical protein dj462O23.2
225881_at	4D	NM_032826	NP_116215	84912	SLC35B4	solute carrier family 35, member B4
225882_at	4D	NM_032826	NP_116215	84912	SLC35B4	solute carrier family 35, member B4
225888_at	4D	NM_024953	NP_079229	80018	FLJ13089	hypothetical protein FLJ13089
225899_x_at	4D	NM_001004321	NP_001004321	399844	FLJ45445	FLJ45445 protein
225936_at	4D	NM_153232	NP_694964	163126	CR12	CREBBP/EP300 inhibitor 2
225945_at	4D	NM_138494	NP_612503	79027	ZNFE55	zinc finger protein 655
225957_at	4D	NM_153607	NP_705835	153222	LOC153222	adult retina protein
225969_at	4D	NM_032878	NP_116267	84964	MGC15677	hypothetical protein MGC15677
225994_at	4D	NM_017437	NP_059133	53981	CPSF2	cleavage and polyadenylation specific factor 2, 10
226007_at	4D	NM_194279	NP_919255	122961	HBLD1	HESB like domain containing 1
226011_at	4D	NM_144716	NP_653317	151903	CCDC12	coiledcoil domain containing 12
226018_at	4D	NM_152793	NP_690006	222166	Ells1	hypothetical protein Ells1
226024_at	4D	NM_152516	NP_689729	150684	COMMD1	copper metabolism (Murr1) domain containing 1
226026_at	4D	NM_032839	NP_116228	84925	DIRC2	disrupted in renal carcinoma 2
226036_x_at	4D	NM_032982	NP_116764	835	CASP2	caspase 2, apoptosisrelated cysteine protease (neu
226086_at	4D	NM_020826	NP_065877	57586	SYT13	synaptotagmin XIII
226092_at	4D	NM_022474	NP_071919	64398	MPP5	membrane protein, palmitoylated 5 (MAGUK p55
226097_at	4D	NM_153756	NP_715637	252995	FNDG5	subfa
226117_at	4D	NM_052864	NP_443096	92610	TIFA	fibronectin type III domain containing 5
226121_at	4D	NM_144683	NP_653284	147015	MGC23280	TRAFinteracting protein with a
226143_at	4D	NM_030665	NP_109590	10743	RAI1	forkheadassociated
226159_at	4D	NM_175921	NP_787117	285636	LOC285636	hypothetical protein MGC23280
						retinoic acid induced 1
						hypothetical protein LOC285636

# APPENDIX D

226169_at	4D		NM_030962	NP_112224	81846	SBF2	SET binding factor 2
226175_at	4D		NM_173810	NP_776171	283237	MGC29649	hypothetical protein MGC29649
226177_at	4D		NM_016433	NP_057517	51228	GLTP	glycolipid transfer protein
226194_at	4D		NM_032436	NP_115812	283489	C13orf8	chromosome 13 open reading frame 8
226239_at	4D		NM_153342	NP_699173	129303	FLJ90024	fastinginducible integral membrane protein TM6P1
226267_at	4D		NM_130469	NP_569736	122953	JDPP2	jun dimerization protein 2
226276_at	4D		NM_174909	NP_777569	153339	MGC23909	hypothetical protein MGC23909
226296_s_at	4D		NM_031280	NP_112570	64960	MRPS15	mitochondrial ribosomal protein S15
226301_at	4D		NM_052831	NP_439896	116843	C6orf192	chromosome 6 open reading frame 192
226319_s_at	4D		NM_005782	NP_005773	10189	THOC4	THO complex 4
226321_at	4D		XM_371760	XP_371760	116068	LOC116068	hypothetical protein LOC116068
226338_at	4D		NM_018710	NP_061180	55529	DKFZp7620076	hypothetical protein DKFZp7620076
226339_at	4D		NM_139169	NP_631908	142940	TRUB1	TruB pseudouridine (psi) synthase homolog 1 (E. co
226378_s_at	4D		NM_152482	NP_689695	148223	C19orf25	chromosome 19 open reading frame 25
226385_s_at	4D		NM_138446	NP_612455	115416	C7orf30	chromosome 7 open reading frame 30
226394_at	4D		NM_017824	NP_060294	54708	MARCH5	membraneassociated ring finger (C3HC4) 5
226422_at	4D		NM_016570	NP_057654	51290	PTX1	PTX1 protein
226442_at	4D		NM_032548	NP_115937	80325	ABTB1	ankyrin repeat and BTB (POZ) domain containing 1
226443_at	4D		NM_138333	NP_612206	116224	C9orf42	chromosome 9 open reading frame 42
226470_at	4D		NM_052830	NP_439895	2686	GGTL3	gamma-glutamyltransferaselike 3
226487_at	4D		NM_032829	NP_116218	84915	FLJ14721	hypothetical protein FLJ14721
226489_at	4D		NM_020698	NP_065749	57458	TMCC3	transmembrane and coiledcoil domains 3
226507_at	4D		NM_002576	NP_002567	5058	PAK1	p21/Cdc42/Rac1 activated kinase 1 (STE20 homolog, y
226515_at	4D		NM_145265	NP_660308	133957	LOC133957	similar to RIKEN cDNA 0610011N22
226524_at	4D		NM_173824	NP_776185	285237	MGC26717	hypothetical protein MGC26717
226531_at	4D		NM_032790	NP_116179	84876	FLJ14466	hypothetical protein FLJ14466
226537_at	4D		NM_138571	NP_612638	135114	HINT3	histidine triad nucleotide binding protein 3
226564_at	4D		NM_020863	NP_065914	57623	ZNF406	zinc finger protein 406
226603_at	4D		NM_152703	NP_689916	219285	C7orf6	chromosome 7 open reading frame 6
226611_s_at	4D		NM_181716	NP_859067	201161	PRR6	proline rich 6
226614_s_at	4D		NM_053279	NP_444509	83648	C8orf13	chromosome 8 open reading frame 13



# APPENDIX D

226616_s_at	4D	NM_021075	NP_066553	4731	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10
226619_at	4D	NM_014554	NP_055369	29843	SENP1	SUMO1/sentin specific protease 1
226636_at	4D	NM_002662	NP_002653	5337	PLD1	phospholipase D1, phosphatidylcholine specific
226639_at	4D	NM_032740	NP_116129	84826	MGC5391	hypothetical protein MGC5391
226642_s_at	4D	NM_145266	NP_660309	134492	NUDCD2	NudC domain containing 2
226656_at	4D	NM_006371	NP_006362	10491	CRTAP	cartilage associated protein
226679_at	4D	NM_173626	NP_775897	284129	SLC26A11	solute carrier family 26, member 11
226688_at	4D	NM_173826	NP_776187	285343	DKFZp313N0621	hypothetical protein DKFZp313N0621
226739_at	4D	XM_495886	XP_495886	254225	KIAA1991	hypothetical protein KIAA1991
226749_at	4D	NM_182640	NP_872578	64965	MRPS9	mitochondrial ribosomal protein S9
226764_at	4D	NM_178835	NP_849157	152485	LOC152485	hypothetical protein LOC152485
226767_s_at	4D	NM_031208	NP_112485	81889	FAHD1	fumarylacetoacetate hydrolase domain containing 1
226780_s_at	4D	NM_197964	NP_932068	154791	HSPC268	hypothetical protein HSPC268
226784_at	4D	NM_001002926	NP_001002926	221830	TWISTNB	TWIST neighbor
226794_at	4D	NM_139244	NP_640337	134957	STXBPs	syntaxin binding protein 5 (tomosyn)
226796_at	4D	NM_198147	NP_937790	116236	LOC116236	hypothetical protein LOC116236
226820_at	4D	NM_152493	NP_689706	149076	FLJ25476	FLJ25476 protein
226824_at	4D	NM_198148	NP_937791	119587	CPXM2	carboxypeptidase X (M14 family), member 2
226829_at	4D	NM_001001936	NP_001001936	84632	KIAA1914	KIAA1914
226837_at	4D	NM_152594	NP_689807	161742	SPRED1	spoutyrelated, EVH1 domain containing 1
226871_s_at	4D	NM_032885	NP_116274	84971	APG4D	APG4 autophagy 4 homolog D (S. cerevisiae)
226875_at	4D	NM_144658	NP_653259	139818	DOCK11	dedicator of cytokinesis 11
226881_at	4D	NM_152407	NP_689620	134266	GRPEL2	GrpElike 2, mitochondrial (E. coli)
226925_at	4D	NM_152282	NP_689495	92370	ACPL2	acid phosphatase like 2
226952_at	4D	NM_033083	NP_149074	85403	EAF1	ELL associated factor 1
226956_at	4D	XM_376003	XP_376003	400924	LOC400924	hypothetical gene supported by AK056895
226957_x_at	4D	NM_006788	NP_006779	10928	RALBP1	ralA binding protein 1
226975_at	4D	NM_017619	NP_060089	55599	RNP	U11/U12 snRNP 65K
227029_at	4D	NM_173607	NP_775878	283635	C14orf24	chromosome 14 open reading frame 24
227053_at	4D	NM_020804	NP_065855	29993	PACSLN1	protein kinase C and casein kinase substrate in ne
227063_at	4D	NM_152766	NP_689979	254863	MGC40107	hypothetical protein MGC40107

# APPENDIX D

227068_at	4D	NM_000291	NP_000282	5230	PGK1	phosphoglycerate kinase 1
227075_at	4D	NM_018091	NP_060561	55140	ELP3	elongation protein 3 homolog (S. cerevisiae)
227143_s_at	4D	NM_001196	NP_001187	637	BID	BH3 interacting domain death agonist
227151_at	4D	NM_153271	NP_695003	257364	MGC32065	hypothetical protein MGC32065
227160_s_at	4D	NM_024120	NP_077025	79133	C20orf7	chromosome 20 open reading frame 7
227163_at	4D	NM_183239	NP_899062	119391	GSTO2	glutathione Stransferase omega 2
227217_at	4D	NM_006648	NP_006639	65268	WNK2	WNK lysine deficient protein kinase 2
227220_at	4D	NM_152995	NP_694540	152518	HOZFP	ovarian zinc finger protein
227230_s_at	4D	XM_044178	XP_044178	57482	KIAA1211	KIAA1211 protein
227233_at	4D	NM_005725	NP_005716	10100	TSPAN2	tetraspan 2
227240_at	4D	NM_019850	NP_062824	25791	NGEF	neuronal guanine nucleotide exchange factor
227286_at	4D	NM_173618	NP_775889	283899	FLJ90652	hypothetical protein FLJ90652
227363_s_at	4D	NM_006067	NP_006058	10328	NOC4	neighbor of COX4
227391_x_at	4D	NM_004735	NP_004726	9208	LRRFIP1	leucine rich repeat (in FLII) interacting protein
227402_s_at	4D	NM_032334	NP_115710	84294	MGC14595	hypothetical protein MGC14595
227442_at	4D	NM_173827	NP_776188	285521	FLJ38991	hypothetical protein FLJ38991
227449_at	4D	NM_004438	NP_004429	2043	EPHA4	EPH receptor A4
227464_at	4D	NM_174917	NP_775777	197322	LOC197322	hypothetical protein LOC197322
227471_at	4D	NM_020771	NP_065822	57531	HACE1	HECT domain and ankyrin repeat containing, E3 ubiqu
227475_at	4D	NM_033260	NP_150285	94234	FOXQ1	forkhead box Q1
227521_at	4D	NM_203301	NP_976046	254170	FBXO33	Fbox protein 33
227523_s_at	4D	NM_016018	NP_057102	51105	PHF20L1	PHD finger protein 20like 1
227563_at	4D	NM_175923	NP_787119	286301	MGC42630	hypothetical protein MGC42630
227587_at	4D	NM_023008	NP_075384	65095	FLJ12949	hypothetical protein FLJ12949
227601_at	4D	NM_020961	NP_066012	57721	KIAA1627	KIAA1627 protein
227609_at	4D	NM_001002264	NP_001002264	94240	EPSTI1	epithelial stromal interaction 1 (breast)
227612_at	4D	NM_001420	NP_001411	1995	ELAVL3	ELAV (embryonic lethal, abnormal vision, Drosophil
227666_at	4D	NM_152619	NP_689832	166614	DCAMKL2	doublecortin and Cam kinase-like 2
227674_at	4D	NM_152655	NP_689868	199704	ZNF585A	zinc finger protein 585A
227678_at	4D	NM_033276	NP_150592	91419	KUB3	Ku70binding protein 3
227680_at	4D	NM_182976	NP_892021	284695	ZNF326	zinc finger protein 326
227695_at	4D	NM_080661	NP_542392	92292	MGC15937	similar to RIKEN cDNA 0610008P16 gene

# APPENDIX D

227697_at	4D	NM_003955	NP_003946	9021	SOC3	suppressor of cytokine signaling 3
227721_at	4D	NM_015692	NP_056507	27151	CPAMD8	C3 and PZPIke, alpha2macroglobulin domain contain
227753_at	4D	NM_153345	NP_699176	135932	FLJ90586	hypothetical protein FLJ90586
227790_at	4D	NM_198920	NP_944602	90025	C6orf157	chromosome 6 open reading frame 157
227796_at	4D	NM_152283	NP_689496	92379	ZFP62	zinc finger protein 62 homolog (mouse)
227822_at	4D	NM_183238	NP_899061	90462	ZNF605	zinc finger protein 605
227843_at	4D	NM_017668	NP_060138	54820	NDE1	nucleic acid distribution gene E homolog 1 (A. nid
227844_at	4D	NM_175736	NP_783863	91010	FMNL3	forminlike 3
227847_at	4D	NM_014805	NP_055620	9852	EPM2AIP1	EPM2A (laforin) interacting protein 1
227850_x_at	4D	NM_145057	NP_659494	148170	CDC42EP5	CDC42 effector protein (Rho GTPase binding) 5
227916_x_at	4D	NM_016042	NP_057126	51010	EXOSC3	exosome component 3
227942_s_at	4D	NM_014171	NP_054890	9419	CRIP1	postsynaptic protein CRIP1
227994_x_at	4D	NM_024299	NP_077275	79144	C20orf149	chromosome 20 open reading frame 149
227999_at	4D	NM_138499	NP_612508	170394	PWWP2	PWWP domain containing 2
228009_x_at	4D	NM_014596	NP_055411	30834	ZNRD1	zinc ribbon domain containing, 1
228017_s_at	4D	NM_152864	NP_690603	128414	C20orf58	chromosome 20 open reading frame 58
228020_at	4D	NM_017952	NP_060422	55037	FLJ20758	FLJ20758 protein
228053_s_at	4D	NM_001001790	NP_001001790	401505	C9orf105	chromosome 9 open reading frame 105
228064_at	4D	NM_207644	NP_997527	38886	LOC38886	similar to hypothetical protein LOC192734
228065_at	4D	NM_182557	NP_872363	283149	BCL9L	Bcell CLL/lymphoma 9like
228077_at	4D	NM_032285	NP_115661	84245	MGC3207	hypothetical protein MGC3207
228083_at	4D	NM_172364	NP_758952	93589	CACNA2D4	calcium channel, voltage-dependent, alpha 2/delta s
228089_x_at	4D	NM_199337	NP_955369	374395	LOC374395	similar to RIKEN cDNA 1810059G22
228092_at	4D	NM_001881	NP_001872	1390	CREM	cAMP responsive element modulator
228099_at	4D	NM_153231	NP_694963	162972	ZNF550	zinc finger protein 550
228106_at	4D	NM_017741	NP_060211	54876	FLJ20280	hypothetical protein FLJ20280
228134_at	4D	NM_022844	NP_074035	4629	MYH11	myosin, heavy polypeptide 11, smooth muscle
228170_at	4D	NM_138983	NP_620450	116448	OLIG1	oligodendrocyte transcription factor 1
228183_s_at	4D	NM_032308	NP_115684	84268	RIP	RPA interacting protein
228184_at	4D	NM_032890	NP_116279	84976	DISP1	dispatched homolog 1 (Drosophila)
228217_s_at	4D	XM_374159	XP_374159	389362	LOC389362	hypothetical LOC389362
228224_at	4D	NM_002725	NP_002716	5549	PRELP	proline argininerich end leucinerich repeat protei

# APPENDIX D

228264_at	4D	NM_032592	NP_115981	84680	PHACS	laminocyclopropane l carboxylate synthase
228285_at	4D	NM_153046	NP_694591	122402	TDRD9	tudor domain containing 9
228293_at	4D	NM_139160	NP_631899	91614	LOC91614	novel 58.3 KDA protein
228298_at	4D	NM_138371	NP_612380	91523	MGC16044	hypothetical protein MGC16044
228355_s_at	4D	NM_174889	NP_777549	91942	LOC91942	hypothetical protein LOC91942
228367_at	4D	NM_052947	NP_443179	115701	ALPK2	alphakinase 2
228393_s_at	4D	NM_018675				
228499_at	4D	NM_004567	NP_004558	5210	PFKFB4	6phosphofructo2kinase/fructose2,6biphosphatase 4
228500_at	4D	NM_152658	NP_689871	199745	THAP8	THAP domain containing 8
228506_at	4D	NM_017615	NP_060085	54780	C10orf86	chromosome 10 open reading frame 86
228531_at	4D	NM_017654	NP_060124	54809	SAMD9	sterile alpha motif domain containing 9
228543_at	4D	NM_020536	NP_065397	57325	CSRP2BP	CSRP2 binding protein
228544_s_at	4D	NM_020536	NP_065397	57325	CSRP2BP	CSRP2 binding protein
228590_at	4D	NM_017952	NP_060422	55037	FLJ20758	FLJ20758 protein
228597_at	4D	NM_018944	NP_061817	54069	C21orf45	chromosome 21 open reading frame 45
228703_at	4D	NM_182904	NP_878907	283208	P4HA3	procollagenproline, 2oxoglutarate 4dioxygenase (pr
228715_at	4D	NM_173798	NP_776159	170261	ZCCHC12	zinc finger, CCHC domain containing 12
228749_at	4D	XM_371590	XP_371590	57683	KIAA1571	KIAA1571 protein
228844_at	4D	NM_177550	NP_808218	284111	SLC13A5	solute carrier family 13 (sodiumdependent citrate
228845_at	4D	NM_173542	NP_775813	196463	LOC196463	hypothetical protein LOC196463
228859_at	4D	NM_138698	NP_619643	91431	LOC91431	prematurely terminated mRNA decay factorlike
228923_at	4D	NM_014624	NP_055439	6277	S100A6	S100 calcium binding protein A6 (calyculin)
228961_at	4D	NM_152622	NP_689835	166968	FLJ35954	hypothetical protein FLJ35954
228968_at	4D	NM_152695	NP_689908	203523	ZNF449	zinc finger protein 449
229044_at	4D	XM_496395	XP_496395	200035	NUDT17	nudix (nucleoside diphosphate linked moiety X)type
229063_s_at	4D	NM_174923	NP_777583	203260	MGC31967	hypothetical protein MGC31967
229065_at	4D	NM_173508	NP_775779	148641	SLC35F3	solute carrier family 35, member F3
229219_s_at	4D	NM_015027	NP_055842	23042	KIAA0251	KIAA0251 protein
229241_at	4D	NM_153486	NP_705690	197257	LDHD	lactate dehydrogenase D
229264_at	4D	XM_498810	XP_498810	440667	LOC440667	LOC440667
229271_x_at	4D	NM_001854	NP_001845	1301	COL11A1	collagen, type XI, alpha 1

# APPENDIX D

229285_at	4D	NM_021133	NP_066956	6041	RNASEL	ribonuclease L (2',5'-oligoadenylate synthetase)
229294_at	4D	NM_020655	NP_065706	57338	JPH3	junctionophilin 3
229316_at	4D	NM_024069	NP_076974	79036	MGC2749	hypothetical protein MGC2749
229335_at	4D	NM_145296	NP_660339	199731	IGSF4C	immunoglobulin superfamily, member 4C
229372_at	4D	NM_198447	NP_940849	127845	GOL11A	golgi transport I homolog A (S. cerevisiae)
229426_at	4D	NM_004255	NP_004246	9377	COX5A	cytochrome c oxidase subunit Va
229518_at	4D	NM_052943	NP_443175	115572	FAM46B	family with sequence similarity 46, member B
229519_at	4D	NM_005087	NP_005078	8087	FXR1	fragile X mental retardation, autosomal homolog 1
229534_at	4D	NM_152331	NP_689544	122970	PTE2B	peroxisomal acylCoA thioesterase 2B
229576_s_at	4D	NM_005996	NP_005987	6926	TBX3	Tbox 3 (ulnar mammary syndrome)
229594_at	4D	NM_194285	NP_919261	144108	FLJ39441	hypothetical protein FLJ39441
229631_at	4D	NM_144666	NP_653267	144132	FLJ32752	hypothetical protein FLJ32752
229638_at	4D	NM_024336	NP_077312	79191	IRX3	iroquois homeobox protein 3
229645_at	4D	NM_058931	XP_058931	125704	C18orf51	chromosome 18 open reading frame 51
229663_at	4D	NM_031490	NP_113678	83752	LONP	peroxisomal lon protease
229665_at	4D	NM_001326	NP_001317	1479	CSTF3	cleavage stimulation factor, 3' preRNA, subunit 3,
229723_at	4D	NM_054114	NP_473455	117289	TAGAP	Tcell activation GTPase activating protein
229739_s_at	4D	NM_001001794	NP_001001794	414918	MGC33692	similar to RIKEN cDNA 1700027J05 gene
229742_at	4D	NM_096885	XP_096885	145853	LOC145853	hypothetical LOC145853
229759_s_at	4D	NM_024621	NP_078897	79674	VEPH1	ventricular zone expressed PH domain homolog 1 (ze
229881_at	4D	NM_007249	NP_009180	11278	KLF12	Kruppeltlike factor 12
229886_at	4D	NM_198566	NP_940968	375444	FLJ32363	FLJ32363 protein
229974_at	4D	NM_147127	NP_667338	132884	EVC2	Ellis van Creveld syndrome 2 (limbin)
229983_at	4D	NM_145715	NP_663761	166815	TIGD2	tigger transposable element derived 2
230009_at	4D	NM_024556	NP_078832	79607	FLJ21103	hypothetical protein FLJ21103
230026_at	4D	NM_176793	NP_789763	84545	MRPL43	mitochondrial ribosomal protein L43
230050_at	4D	NM_144653	NP_653254	138151	BTBD14A	BTB (POZ) domain containing 14A
230084_at	4D	NM_032513	NP_115902	7780	SLC30A2	solute carrier family 30 (zinc transporter), membe
230144_at	4D	NM_373368	XP_373368	392533	LOC392533	similar to Histone H3.3
230172_at	4D	NM_145249	NP_660292	122509	FAM14B	family with sequence similarity 14, member B
230192_at	4D	NM_005798	NP_005789	10206	RFP2	ret finger protein 2
230246_at	4D	NM_166090	XP_166090	219348	PLAC9	placentaspecific 9
230261_at	4D	NM_005668	NP_005659	7903	ST8SIA4	ST8 alphaNacetylneuraminide

# APPENDIX D

230266_at	4D	NM_177403	NP_796377	338382	RAB7B	alpha2,8sialyltransfer
230308_at	4D	NM_198841	NP_942138	158293	C9orf100S	RAB7B, member RAS oncogene family chromosome 9 open reading frame 10 opposite strand
230323_s_at	4D	NM_138788	NP_620143	120224	TMEM45B	transmembrane protein 45B
230362_at	4D	NM_198331	NP_938145	22876	INPP5F	inositol polyphosphate5phosphatase F
230363_s_at	4D	NM_198331	NP_938145	22876	INPP5F	inositol polyphosphate5phosphatase F
230421_at	4D	XM_293828	XP_293828	345462	LOC345462	similar to hypothetical protein 9630041N07
230452_at	4D	XM_379123	XP_379123	400999	LOC400999	hypothetical gene supported by AK124342
230475_at	4D	XM_370873	XP_370873	388135	LOC388135	similar to RIKEN cDNA 6030419C18 gene
230489_at	4D	NM_014207	NP_055022	921	CD5	CD5 antigen (p5662)
230511_at	4D	NM_182722	NP_874391	1390	CREM	cAMP responsive element modulator
230574_at	4D	XM_373779	XP_373779	388480	LOC388480	hypothetical LOC388480
230587_at	4D	NM_001006608	NP_001006609	474171	STGC3	hypothetical STGC3
230701_x_at	4D	NM_022342	NP_071737	64147	KIF9	kinesin family member 9
230721_at	4D	NM_173501	NP_775772	146174	LOC146174	hypothetical protein LOC146174
230756_at	4D	NM_173574	NP_775845	257101	MGC33414	hypothetical protein MGC33414
230763_at	4D	NM_138796	NP_620151	128153	LOC128153	hypothetical protein BC014608
230769_at	4D	NM_198459	NP_940861	163259	FLJ37099	FLJ37099 protein
230810_at	4D	NM_053052	NP_444280	116841	IMAGE3451454	SVAP1 protein
230829_at	4D	NM_080610	NP_542177	128821	CST9L	cystatin 9like (mouse)
230879_at	4D	NM_004282	NP_004273	9532	BAG2	BCL2associated athanogene 2
230887_at	4D	NM_033332	NP_201589	8555	CDC14B	CDC14 cell division cycle 14 homolog B (S. cerevis
230953_at	4D	NM_001001394	NP_001001394	414061	HCG3	HCG3 gene
230983_at	4D	NM_173544	NP_775815	199786	BCNP1	Bcell novel protein 1
231001_at	4D	NM_203371	NP_976249	387758	LOC387758	similar to RIKEN cDNA 1110018M03
231270_at	4D	NM_198584	NP_940986	377677	CA13	carbonic anhydrase XIII
231405_at	4D	NM_145248	NP_660291	122258	LOC122258	LOC122258
231420_at	4D	NM_152657	NP_689870	199720	GGN	gametogenein
231522_at	4D	NM_080825	NP_543015	128864	C20orf144	chromosome 20 open reading frame 144
231530_s_at	4D	NM_022761	NP_073598	64776	C11orf1	chromosome 11 open reading frame 1
231549_at	4D	NM_152290	NP_689503	93190	MGC35194	hypothetical protein MGC35194
231570_at	4D	NM_153707	NP_714918	158297	C9orf138	chromosome 9 open reading frame 138



# APPENDIX D

231578_at	4D	NM_002053	NP_002044	2633	GBP1	guanylate binding protein 1, interferoninducible,
231579_s_at	4D	NM_003255	NP_003246	7077	TIMP2	tissue inhibitor of metalloproteinase 2
231743_at	4D	NM_030753	NP_110380	7473	WNT3	wingless-type MMTV integration site family, member
231756_at	4D	NM_021186	NP_067009	57829	ZP4	zona pellucida glycoprotein 4
231768_at	4D	NM_007122	NP_009053	7391	USF1	upstream transcription factor 1
231775_at	4D	NM_003844	NP_003835	8797	TNFRSF10A	tumor necrosis factor receptor superfamily, member
231778_at	4D	NM_005220	NP_005211	1747	DLX3	distalless homeo box 3
231798_at	4D	NM_005450	NP_005441	9241	NOG	noggin
231824_at	4D	NM_018078	NP_060548	55132	FLJ10378	FLJ10378 protein
231826_at	4D	XM_046600	XP_046600	57186	KIAA1272	KIAA1272 protein
231845_at	4D	NM_020745	NP_065796	57505	AARSL	alanyl-tRNA synthetase like
231853_at	4D	NM_016261	NP_057345	51174	TUBD1	tubulin, delta 1
231863_at	4D	NM_198267	NP_938008	54556	ING3	inhibitor of growth family, member 3
231875_at	4D	NM_017641	NP_060111	55605	KIF21A	kinesin family member 21A
231877_at	4D	NM_152292	NP_689505	93587	RG9MTD2	RNA (guanine9) methyltransferase domain containing
231896_s_at	4D	NM_003677	NP_003668	8562	DENR	densitregulated protein
231940_at	4D	NM_020951	NP_066002	57711	ZNF529	zinc finger protein 529
231967_at	4D	NM_198513	NP_940915	51105	PHF20L1	PHD finger protein 20like 1
231982_at	4D	XM_209196	XP_209196	284422	LOC284422	similar to HSPC323
231991_at	4D	NM_080625	NP_542192	140706	C20orf160	chromosome 20 open reading frame 160
231996_at	4D	NM_018177	NP_060647	55728	N4BP2	Nedd4 binding protein 2
232087_at	4D	NM_198279	NP_938020	256643	CXorf23	chromosome X open reading frame 23
232104_at	4D	NM_001003665	NP_001003665	375057	DKFZp761P211	similar to hypothetical protein Y97E10AL.1
232114_at	4D	NM_053002	NP_443728	116931	MED12L	mediator of RNA polymerase II transcription, subun
232162_at	4D	NM_030895	NP_112157	79943	FLJ14129	hypothetical protein FLJ14129
232183_at	4D	NM_032861	NP_116250	84947	SERAC1	serine active site containing 1
232187_at	4D	NM_017734	NP_060204	54873	PALMD	palmdelphin
232208_at	4D	NM_020851	NP_065902	57611	KIAA1465	KIAA1465 protein
232229_at	4D	NM_015046	NP_055861	23064	ALSA4	amyotrophic lateral sclerosis 4
232263_at	4D	NM_018057	NP_060527	55117	SLC6A15	solute carrier family 6, member 15
232287_at	4D	NM_170753	NP_736609	267004	PGBD3	piggyBac transposable element derived 3

# APPENDIX D

232302_at	4D	NM_176871	NP_789847	64236	PDLIM2	PDZ and LIM domain 2 (mystique)
232403_at	4D	NM_025137	NP_079413	80208	FLJ21439	hypothetical protein FLJ21439
232456_at	4D	NM_199459	NP_955629	118461	CI10orf71	chromosome 10 open reading frame 71
232486_at	4D	XM_290842	XP_290842	57622	LRFN1	leucine rich repeat and fibronectin type III domain
232563_at	4D	NM_152373	NP_689586	127396	MGC27466	hypothetical protein MGC27466
232602_at	4D	NM_080614	NP_542181	140686	WFDG3	WAP fourdisulfide core domain 3
232612_s_at	4D	NM_017974	NP_060444	55054	APG16L	APG16 autophagy 16like (S. cerevisiae)
232664_at	4D	XM_379079	XP_379079	400946	LOC400946	hypothetical gene supported by AK022396; AK097927
232680_at	4D	NM_138574	NP_612641	154150	PWWP1	PWWP domain containing 1
232843_s_at	4D	NM_203447	NP_982272	81704	DOCK8	dedicator of cytokinesis 8
232892_at	4D	NM_178463	NP_848558	128826	C20orf166	chromosome 20 open reading frame 166
232897_at	4D	NM_203449	NP_982274	403323	FLJ20444	hypothetical protein FLJ20444
232990_at	4D	NM_138362	NP_612371	90736	CXorf44	chromosome X open reading frame 44
233061_at	4D	XM_371399	XP_371399	128486	C20orf142	chromosome 20 open reading frame 142
233150_at	4D	NM_145292	NP_660335	168391	GALNTL5	UDP-NacetylalphaDgalactosamine:polypeptide Nacetyl
233173_x_at	4D	NM_012087	NP_036219	9328	GTF3C5	general transcription factor IIIC, polypeptide 5,
233250_x_at	4D	NM_024955	NP_079231	80020	FLJ23322	hypothetical protein FLJ23322
233268_s_at	4D	NM_145165	NP_660148	91612	CHURC1	churchill domain containing 1
233341_s_at	4D	NM_019014	NP_061887	84172	POLR1B	polymerase (RNA) I polypeptide B, 128kDa
233387_s_at	4D	NM_006031	NP_006022	5116	PCNT2	pericentrin 2 (kendrin)
233408_at	4D	NM_024870	NP_079146	80243	DEPDC2	DEP domain containing 2
233454_at	4D	NM_181808	NP_861524	353497	POLN	polymetase (DNA directed) nu
233461_x_at	4D	NM_016444	NP_057528	7769	ZNF226	zinc finger protein 226
233483_at	4D	XM_378655	XP_378655	96597	LOC96597	hypothetical protein LOC96597
233496_s_at	4D	NM_021914	NP_068733	1073	CFL2	cofilin 2 (muscle)
233571_x_at	4D	NM_024299	NP_077275	79144	C20orf149	chromosome 20 open reading frame 149
233587_s_at	4D	NM_020808	NP_065859	57568	SLP1L2	signalinduced proliferationassociated 1 like 2
233640_x_at	4D	NM_033191	NP_149461	85280	KRTAP94	keratin associated protein 94
233751_at	4D	NM_006885	NP_008816	463	ATBF1	ATbinding transcription factor 1
233842_x_at	4D	NM_016407	NP_057491	51507	C20orf43	chromosome 20 open reading frame 43
233888_s_at	4D	NM_020762	NP_065813	57522	SRGAP1	SLITROBO Rho GTPase activating protein 1
233929_x_at	4D	NM_199163	NP_954632	374666	FLJ25222	CXYorfrelated protein

# APPENDIX D

233968_at	4D	NM_130794	NP_570612	140880	CST11	cystatin 11
233970_s_at	4D	NM_015939	NP_057023	51605	CGI09	CGI09 protein
233979_s_at	4D	NM_031475	NP_113663	83715	ESPN	espin
233986_s_at	4D	NM_022835	NP_073746	64857	PLEKHG2	pleckstrin homology domain containing, family G (w
234005_x_at	4D	NM_015690	NP_056505	27148	STK36	serine/threonine kinase 36 (fused homolog, Drosoph
234093_at	4D	NM_182975	NP_892020	284695	ZNF326	zinc finger protein 326
234362_s_at	4D	NM_005214	NP_005205	1493	CTLA4	cytotoxic Tlymphocyteassociated protein 4
234504_at	4D	NM_080675	NP_542406	140732	SPAG4L	sperm associated antigen 4like
234519_at	4D	XM_069612	XP_069612	135935	NOBOX	likely ortholog of mouse NOBOX
234617_at	4D	NM_001005163	NP_001005163	390066	OR52D1	olfactory receptor, family 52, subfamily D, member
234695_x_at	4D	XM_374817	XP_374817	399788	LOC399788	similar to bA182L2.1 (novel protein similar to hy
234710_s_at	4D	NM_020213	NP_064598	56965	PARP6	poly (ADPribose) polymerase family, member 6
234733_s_at	4D	XM_048128	XP_048128	57697	KIAA1596	KIAA1596
234784_at	4D	XM_039515	XP_039515	25758	G2	G2 protein
234864_s_at	4D	NM_017662	NP_060132	140803	TRPM6	transient receptor potential cation channel, subfa
234873_x_at	4D	NM_000972	NP_000963	6130	RPL7A	ribosomal protein L7a
234942_s_at	4D	NM_052951	NP_443183	116092	DNTTIP1	deoxynucleotidyltransferase, terminal, interacting
234955_at	4D	XM_376658	XP_376658	401393	LOC401393	similar to Zincalpha2glycoprotein precursor (Znalp
234985_at	4D	NM_174902	NP_777562	143458	LOC143458	hypothetical protein LOC143458
234988_at	4D	NM_025054	NP_079330	80124	VCIP135	valosincontaining protein (p97)/p47 complexinterac
235007_at	4D	NM_176824	NP_789794	55212	BBS7	BardetBiedl syndrome 7
235020_at	4D	XM_290809	XP_290809	6875	TAF4B	TAF4b RNA polymerase II, TATA box binding protein
235027_at	4D	XM_379850	XP_379850	402524	LOC402524	similar to Zinc finger protein 58 (Zfp58) (Zinc fi
235037_at	4D	NM_080652	NP_542383	90407	TMEM41A	transmembrane protein 41A
235076_at	4D	NM_005831	NP_005822	10241	NDP52	nuclear domain 10 protein
235089_at	4D	NM_032875	NP_116264	84961	FBXL20	Fbox and leucinerich repeat protein 20
235110_at	4D	NM_007069	NP_009000	11145	HRASLS3	HRAlike suppressor 3
235114_x_at	4D	NM_032410	NP_115786	84376	HOOK3	hook homolog 3 (Drosophila)
235119_at	4D	XM_291729	XP_291729	83860	TAF3	TAF3 RNA polymerase II, TATA box binding

# APPENDIX D

235177_at	4D		NM_145280	NP_660323	151194	LOC151194	protein (
235241_at	4D		NM_173514	NP_775785	153129	FLJ90709	similar to hepatocellular carcinoma-associated anti
235250_at	4D		NM_144606	NP_653207	201163	FLCN	hypothetical protein FLJ90709
235258_at	4D		NM_152624	NP_689837	167227	DCP2	folliculin
235275_at	4D		NM_001720	NP_001711	656	BMP8B	DCP2 decapping enzyme homolog (S. cerevisiae)
235296_at	4D		NM_020390	NP_065123	56648	EIF5A2	bone morphogenetic protein 8b (osteogenic protein
235303_at	4D		NM_144964	NP_659401	158234	RG9MTD3	eukaryotic translation initiation factor 5A2
235327_x_at	4D		NM_181713	NP_859064	165324	UBXD4	RNA (guanine) methyltransferase domain containing
235359_at	4D		NM_198565	NP_940967	375387	UNQ3030	UBX domain containing 4
235384_at	4D		XM_372723	XP_372723	390916	LOC390916	ELLP3030
235425_at	4D		NM_152524	NP_689737	151246	SGOL2	similar to RP2 protein, testosterone-regulated
235447_at	4D		NM_139169	NP_631908	142940	TRUB1	shugoshinlike 2 (S. pombe)
235472_at	4D		NM_032664	NP_116053	84750	FUT10	TruB pseudouridine (psi) synthase homolog 1 (E. co
235503_at	4D		NM_080874	NP_543150	140458	ASB5	fucosyltransferase 10 (alpha (1,3) fucosyltransfer
235509_at	4D		NM_152416	NP_689629	137682	MGC40214	ankyrin repeat and SOCS box-containing 5
235574_at	4D		NM_052941	NP_443173	115361	GBP4	hypothetical protein MGC40214
235923_at	4D		NM_145206	NP_660207	143187	VT11A	guanylate binding protein 4
236027_at	4D		NM_001002759	NP_001002759	119392	C10orf78	vesicle transport through interaction with tSNAREs
236040_at	4D		NM_133179	NP_573440	170626	XAGE3	chromosome 10 open reading frame 78
236087_at	4D		NM_032432	NP_115808	84448	ABLIM2	X antigen family, member 3
236151_at	4D		NM_194286	NP_919262	84530	KIAA1853	actin binding LIM protein family, member 2
236218_at	4D		NM_178500	NP_848595	162466	PHOSPHO1	KIAA1853 protein
236262_at	4D		NM_024756	NP_079032	79812	MMRN2	phosphatase, orphan 1
236267_at	4D		NM_012279	NP_036411	23567	ZNF346	multimerin 2
236274_at	4D		NM_003751	NP_003742	8662	EIF3S9	zinc finger protein 346
236290_at	4D		NM_152721	NP_689934	220164	DOK6	eukaryotic translation initiation factor 3, subunit
236621_at	4D		NM_001030	NP_001021	6232	RPS27	docking protein 6
236649_at	4D		NM_020234	NP_064619	56986	MDS009	ribosomal protein S27 (metallopanstimulin 1)
236728_at	4D		NM_175920	NP_787116	285603	FLJ39485	x 009 protein
236767_at	4D		NM_203424	NP_982248	389123	IQCF2	hypothetical protein FLJ39485
							IQ motif containing F2

# APPENDIX D

236848_s_at	4D	NM_031274	NP_112564	56157	TEX13A	testis expressed sequence 13A
236941_at	4D	NM_173566	NP_775837	253143	MGC50372	hypothetical protein MGC50372
236965_at	4D	NM_145053	NP_659490	143630	MGC20470	hypothetical protein MGC20470
237016_at	4D	NM_145316	NP_660359	221468	C6orf128	chromosome 6 open reading frame 128
237040_at	4D	NM_152434	NP_689647	143884	CWF19L2	CWF19like 2, cell cycle control (S. pombe)
237099_at	4D	NM_080574	NP_542141	140683	C20orf70	chromosome 20 open reading frame 70
237107_at	4D	NM_003690	NP_003681	8575	PRKRA	protein kinase, interferoninducible double strand
237288_at	4D	NM_052955	NP_443187	116179	TGM7	transglutaminase 7
237338_at	4D	NM_198540	NP_940942	374907	B3GALT7	UDPGal:betaGal beta 1,3galactosyltransferase
237504_at	4D	NM_018142	NP_060612	55174	FLJ10569	polyp
237730_at	4D	NM_117030	XP_117030	197387	LOC197387	hypothetical protein FLJ10569
237765_at	4D	NM_207117	NP_997000	283600	C14orf68	hypothetical LOC197387
237806_s_at	4D	NM_378988	XP_378988	400849	LOC400849	chromosome 14 open reading frame 68
238063_at	4D	NM_152680	NP_689893	201799	FLJ32028	hypothetical LOC400849
238066_at	4D	NM_052960	NP_443192	116362	RBP7	hypothetical protein FLJ32028
238081_at	4D	NM_205857	NP_995329	404201	FB14	retinol binding protein 7, cellular
238322_s_at	4D	NM_003598	NP_003589	8463	TEAD2	FB14 protein
238323_at	4D	NM_003598	NP_003589	8463	TEAD2	TEA domain family member 2
238346_s_at	4D	NM_024831	NP_079107	96764	NCOA6IP	TEA domain family member 2
238365_s_at	4D	NM_001004307	NP_001004307	339541	MGC33556	nuclear receptor coactivator 6 interacting protein
238429_at	4D	NM_144649	NP_653250	137835	FLJ33069	hypothetical LOC33556
238435_at	4D	NM_291346	XP_291346	340591	CA5BL	hypothetical protein FLJ33069
238440_at	4D	NM_206808	NP_996531	171425	CLYBL	carbonic anhydrase VBlike
238449_at	4D	NM_496125	XP_496125	440345	LOC440345	citrate lyase beta like
238488_at	4D	NM_181506	NP_852607	353281	SLRN	similar to P13kinaserealted kinase SMG1 isoform 1;
238547_at	4D	NM_144608	NP_653209	124790	FLJ32384	synleurin
238587_at	4D	NM_032873	NP_116262	84959	STS1	hypothetical protein MGC39389
238606_at	4D	NM_023931	NP_076420	65988	MGC2474	Cblinteracting protein Sts1
238635_at	4D	NM_022483	NP_071928	64417	FLJ21657	hypothetical protein MGC2474
238650_x_at	4D	NM_080666	NP_542397	112840	C14orf150	hypothetical protein FLJ21657
238677_at	4D	NM_139281	NP_644810	134430	WDR36	chromosome 14 open reading frame 150
238687_x_at	4D	NM_014106	NP_054825	54989	FLJ20582	WD repeat domain 36
						hypothetical protein FLJ20582

# APPENDIX D

238722_x_at	4D	NM_198990	NP_945341	222236	NAPEPLD	Nacylphosphatidylethanolaminehydrolyzing phospholip
238760_at	4D	NM_003680	NP_003671	8565	YARS	tyrosyl/tRNA synthetase
238817_at	4D	NM_015347	NP_056162	23504	KIAA0318	RIM binding protein 2
238858_at	4D	NM_052864	NP_443096	92610	TIFA	TRAFinteracting protein with a forkheadassociated
238940_at	4D	NM_007249	NP_009180	11278	KLF12	Kruppeltlike factor 12
238974_at	4D	NM_153689	NP_710156	205327	FLJ38973	hypothetical protein FLJ38973
238982_at	4D	NM_003677	NP_003668	8562	DENR	densityregulated protein
238996_x_at	4D	NM_000034	NP_000025	226	ALDOA	aldolase A, fructosebisphosphate
239042_at	4D	NM_018128	NP_060598	55720	FLJ10534	hypothetical protein FLJ10534
239081_at	4D	XM_498525	XP_498525	440064	LOC440064	LOC440064
239186_at	4D	XM_376463	XP_376463	221756	MGC39372	hypothetical protein MGC39372
239196_at	4D	NM_144590	NP_653191	118932	ANKRD22	ankyrin repeat domain 22
239205_s_at	4D	NM_000573	NP_000564	1378	CR1	complement component (3b/4b) receptor 1, including
239212_at	4D	NM_032860	NP_116249	84946	C6orf93	chromosome 6 open reading frame 93
239261_s_at	4D	NM_006587	NP_006578	10699	CORIN	corin, serine protease
239335_at	4D	NM_198526	NP_940928	374655	DKFZp547K1113	hypothetical protein DKFZp547K1113
239377_at	4D	NM_032325	NP_115701	84285	MGC11102	hypothetical protein MGC11102
239382_at	4D	NM_000195	NP_000186	3257	HPS1	HernanskyPudlak syndrome 1
239430_at	4D	NM_198541	NP_940943	374918	IGFL1	insulin growth factorlike family member 1
239462_at	4D	XM_496317	XP_496317	342909	ZNF284	zinc finger protein 284
239481_at	4D	NM_173698	NP_775969	286499	FLJ37659	hypothetical protein FLJ37659
239598_s_at	4D	NM_017839	NP_060309	54947	FLJ20481	hypothetical protein FLJ20481
239624_at	4D	XM_498906	XP_498906	440885	LOC440885	LOC440885
239635_at	4D	NM_032886	NP_116275	84972	MGC15912	hypothetical protein MGC15912
239648_at	4D	NM_173475	NP_775746	123879	MGC48972	hypothetical protein MGC48972
239738_at	4D	NM_053281	NP_444511	117154	DACH2	dachshund homolog 2 (Drosophila)
240027_at	4D	NM_004664	NP_004655	8825	LIN7A	lin7 homolog A (C. elegans)
240082_s_at	4D	NM_175734	NP_783861	201243	LOC201243	hypothetical protein LOC201243
240159_at	4D	NM_021082	NP_066568	6565	SLC15A2	solute carrier family 15 (H+/peptide transporter),
240359_at	4D	NM_178466	NP_848561	128861	C20orf71	chromosome 20 open reading frame 71
240603_s_at	4D	NM_080663	NP_542394	112479	MGC16943	similar to RIKEN cDNA 4933424N09 gene



# APPENDIX D

240913_at	4D	NM_022973	NP_075262	2263	FGFR2	fibroblast growth factor receptor 2 (bacteriae xpre
240967_at	4D	NM_181609	NP_853640	337970	KRTAP193	keratin associated protein 193
241009_at	4D	NM_213596	NP_998761	121643	FOXN4	forkhead box N4
241337_at	4D	XM_210860	XP_210860	283034	LOC283034	hypothetical LOC283034
241360_at	4D	XM_370664	XP_370664	387816	LOC387816	similar to hypothetical protein
241408_at	4D	NM_175918	NP_787114	285464	FLJ34443	hypothetical protein FLJ34443
241436_at	4D	NM_001039	NP_001030	6340	SCNN1G	sodium channel, nonvoltagegated 1, gamma
241882_at	4D	NM_015215	NP_056030	23261	CAMTA1	calmodulin binding transcription activator 1
241937_s_at	4D	NM_033661	NP_387510	10785	WDR4	WD repeat domain 4
241984_at	4D	NM_005197	NP_005188	1112	CHES1	checkpoint suppressor 1
242006_at	4D	NM_181714	NP_859065	167691	C6orf152	chromosome 6 open reading frame 152
242128_at	4D	NM_021728	NP_068374	5015	OTX2	orthodenticle homolog 2 (Drosophila)
242158_at	4D	NM_020144	NP_064529	56903	PAPOLB	poly(A) polymerase beta (testis specific)
242284_at	4D	XM_378866	XP_378866	199899	LOC199899	hypothetical protein LOC199899
242473_at	4D	NM_004295	NP_004286	9618	TRAF4	TNF receptor associated factor 4
242584_at	4D	XM_291019	XP_291019	84140	FLJ13305	hypothetical protein FLJ13305
242727_at	4D	NM_178815	NP_848930	221079	ARL8	ADPribosylation factorlike 8
243042_at	4D	NM_198549	NP_940951	374986	FLJ35093	FLJ35093 protein
243290_at	4D	NM_015238	NP_056053	23286	KIBRA	KIBRA protein
243349_at	4D	NM_020775	NP_065826	57535	KIAA1324	mab1
243426_at	4D	XM_375527	XP_375527	339290	LOC339290	hypothetical protein LOC339290
243456_at	4D	NM_013249	NP_037381	7761	ZNF214	zinc finger protein 214
243457_s_at	4D	NM_013249	NP_037381	7761	ZNF214	zinc finger protein 214
243475_at	4D	NM_005188	NP_005179	867	CBL	CasBrM (murine) ecotropic retroviral transforming
243477_at	4D	NM_031482	NP_113670	83734	APG10L	APG10 autophagy 10like (S. cerevisiae)
243592_at	4D	NM_016316	NP_057400	51455	REV1L	REV1like (yeast)
243623_at	4D	NM_006671	NP_006662	6512	SLC1A7	solute carrier family 1 (glutamate transporter), m
243661_at	4D	NM_033548	NP_291026	90816	MGC12518	similar to ZINC FINGER PROTEIN 257 (BONE MARROW ZI
243805_at	4D	NM_133459	NP_597716	147372	CCBE1	collagen and calcium binding EGF domains 1
243851_at	4D	NM_012414	NP_036546	25782	RAB3GAP150	rab3 GTPaseactivating protein, noncatalytic subuni
243927_x_at	4D	NM_015496	NP_056311	25962	DKFZP4341116	DKFZP4341116 protein

# APPENDIX D

243935_at	4D	NM_025074	NP_079350	80144	FRAS1	Fraser syndrome 1
243951_at	4D	NM_000927	NP_000918	5243	ABCB1	ATPbinding cassette, subfamily B (MDR/TAP), member
244011_at	4D	NM_152542	NP_689755	152926	PPMIK	protein phosphatase 1K (PP2C domain containing)
244103_at	4D	NM_152608	NP_689821	163859	FLJ35382	hypothetical protein FLJ35382
244118_at	4D	NM_000806	NP_000797	2554	GABRA1	gammaaminobutyric acid (GABA) A receptor, alpha 1
244171_at	4D	NM_013255	NP_037387	4289	MKLN1	muskelin 1, intracellular mediator containing kelc
244190_at	4D	NM_182529	NP_872335	168451	THAP5	THAP domain containing 5
244317_at	4D	NM_152748	NP_689961	222223	FLJ31340	hypothetical protein FLJ31340
244398_x_at	4D	NM_152373	NP_689586	127396	MGC27466	hypothetical protein MGC27466
244518_at	4D	XM_117257	XP_117257	200624	LOC200624	hypothetical LOC200624
244546_at	4D	NM_018947	NP_061820	54205	CYCS	cytochrome c, somatic
244698_at	4D	NM_173622	NP_775893	284040	FLJ36674	hypothetical protein FLJ36674
244704_at	4D	NM_006166	NP_006157	4801	NFYB	nuclear transcription factor Y, beta
244738_at	4D	NM_153252	NP_694984	254065	BRWD3	bromodomain and WD repeat domain containing 3
31807_at	4D	NM_019070	NP_061943	54555	DDX49	DEAD (AspGluAlaAsp) box polypeptide 49
31837_at	4D	NM_033200	NP_149977	91289	BC002942	hypothetical protein BC002942
32069_at	4D	NM_153029	NP_694574	9683	N4BP1	Nedd4 binding protein 1
32811_at	4D	NM_033375	NP_203693	4641	MYO1C	myosin IC
33304_at	4D	NM_002201	NP_002192	3669	ISG20	interferon stimulated gene 20kDa
33760_at	4D	NM_004565	NP_004556	5195	PEX14	peroxisomal biogenesis factor 14
34408_at	4D	NM_005619	NP_005610	6253	RTN2	reticulon 2
35254_at	4D	NM_006700	NP_006691	10906	FLN29	FLN29 gene product
35626_at	4D	NM_000199	NP_000190	6448	SGSH	Nsulfoglucosamine sulfohydrolase (sulfamidase)
36711_at	4D	NM_012323	NP_036455	23764	MAFF	vmaf musculoaponeurotic fibrosarcoma oncogene homo
37004_at	4D	NM_000542	NP_000533	6439	SFTPB	surfactant, pulmonaryassociated protein B
37950_at	4D	NM_002726	NP_002717	5550	PREP	prolyl endopeptidase
37966_at	4D	NM_001003828	NP_001003828	29780	PARVB	parvin, beta
38158_at	4D	NM_012291	NP_036423	9700	ESPL1	extra spindle poles like 1 (S. cerevisiae)
39402_at	4D	NM_000576	NP_000567	3553	IL1B	interleukin 1, beta
40149_at	4D	NM_015503	NP_056318	25970	SH2B	SH2B homolog
40255_at	4D	NM_018380	NP_060850	55794	DDX28	DEAD (AspGluAlaAsp) box polypeptide 28

# APPENDIX D

40687_at	4D	NM_002060	NP_002051	2701	G1A4	gap junction protein, alpha 4, 37kDa (connexin 37)
45288_at	4D	NM_020676	NP_065727	57406	ABHD6	abhydrolase domain containing 6
47550_at	4D	NM_021020	NP_066300	11178	LZTS1	leucine zipper, putative tumor suppressor 1
48030_i_at	4D	NM_032385	NP_115761	10826	C5orf4	chromosome 5 open reading frame 4
49077_at	4D	NM_016147	NP_057231	51400	PME1	protein phosphatase methyltransferase 1
51228_at	4D	NM_203390	NP_976324	389677	LOC389677	similar to RIKEN cDNA 3000004N20
53968_at	4D	NM_030628	NP_085131	80789	K1AA1698	K1AA1698 protein
53987_at	4D	NM_020850	NP_065901	57610	RANBP10	RAN binding protein 10
54037_at	4D	NM_022081	NP_071364	89781	HP54	HermanskyPudlak syndrome 4
55662_at	4D	NM_024541	NP_078817	79591	C10orf76	chromosome 10 open reading frame 76
55872_at	4D	NM_020713	NP_065764	57473	K1AA1196	K1AA1196 protein
57516_at	4D	NM_033410	NP_219363	92595	MGC13138	hypothetical protein MGC13138
57532_at	4D	NM_004422	NP_004413	1856	DVL2	dishevelled, dsh homolog 2 (Drosophila)
57588_at	4D	NM_020689	NP_065740	57419	SLC24A3	solute carrier family 24 (sodium/potassium/calcium)
63009_at	4D	NM_018130	NP_060600	55164	SHQ1	SHQ1 homolog (S. cerevisiae)
64432_at	4D	NM_016534	NP_057618	51275	FLJ39616	apoptosis-related protein PNAS1
65493_at	4D	NM_022070	NP_071353	63897	ABC1	amplified in breast cancer 1
74694_s_at	4D	NM_024816	NP_079092	79874	RABEP2	rabaptin, RAB GTPase binding effector protein 2
AFFX-HUMISGF3A/M 97934D	NM_007315	NP_009330		6772	STAT1	signal transducer and activator of transcription 1
AFFX-HUMISGF3A/M 97934D	NM_007315	NP_009330		6772	STAT1	signal transducer and activator of transcription 1
AFFX-HUMISGF3A/M 97934D	NM_007315	NP_009330		6772	STAT1	signal transducer and activator of transcription 1